AAA COLLEGE OF ENGINEERNG AND TECHNOLOGY
(An ISO 9001:2015 Certified Institution)
(Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai)
Kamarajar Educational Road,Amathur, Sivakasi – 626 005.

Curricular Planning and Implementation

1.1.1 The institution ensures effective curriculum delivery through a well-planned system and documentation process.

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Amathur, Sivakasi - 626 005.

ACADEMIC CALENDAR

2020 – 2021 ODD SEMESTER

II, III & IV YEAR B.E.COURSES

INSTITUTE VISION

- Emerge as a Premier Institute for Quality Technical Education and Research with social responsibilities.

INSTITUTE MISSION

- To offer state of the art infrastructure for under graduate, postgraduate and doctoral programs.
- To provide holistic learning ambience blended with professional ethics, leadership qualities and social responsibilities.
- To disseminate knowledge and undertake research in field of Engineering and Technology.
- To inculcate innovation and creativity among student community to become successful entrepreneurs.
- To undertake collaborative projects with academic, research centres and industries to provide cost-effective solutions.

PROGRAM OUTCOMES (POs) : At the time of graduation, our graduates will

PO-1	**Engineering knowledge**: Apply the knowledge of mathematics, science, engineering fundamentals, and engineering specialization to the solution of complex engineering problems.
PO-2	**Problem analysis**: Identify, formulate, research literature, and analyze engineering problems to arrive at substantiated conclusions using first principles of mathematics, natural, and engineering sciences.
PO-3	**Design/development of solutions**: Design solutions for complex engineering problems and design system components, processes to meet the specifications with consideration for the public health and safety, and the cultural, societal, and environmental considerations.
PO-4	**Conduct investigations of complex problems**: Use research-based knowledge including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.
PO-5	**Modern tool usage**: Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modeling to complex engineering activities with an understanding of the limitations.
PO-6	**The engineer and society**: Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal, and cultural issues and the consequent responsibilities relevant to the professional engineering practice.
PO-7	**Environment and sustainability**: Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.
PO-8	**Ethics**: Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.
PO-9	**Individual and team work**: Function effectively as an individual, and as a member or leader in teams, and in multidisciplinary settings.
PO-10	**Communication**: Communicate effectively with the engineering community and with society at large. Be able to comprehend and write effective reports documentation. Make effective presentations, and give and receive clear instructions.
PO-11	**Project management and finance**: Demonstrate knowledge and understanding of engineering and management principles and apply these to one's own work, as a member and leader in a team. Manage projects in multidisciplinary environments.
PO-12	**Life-long learning**: Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change.

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ACADEMIC CALENDAR
2020 – 2021 ODD SEMESTER
II, III & IV YEAR B.E.COURSES

Reopening Date : **12.08.2020**

First Phase of Academic Instruction : **12 th August To 9th September 2020**

Second Phase of Academic Instruction : **10th September To 30th September 2020**

Third Phase of Academic Instruction : **1st To 15th October 2020**

Fourth Phase of Academic Instruction : **16th October To 5th November 2020**

Fifth Phase of Academic Instruction : **6th November To 22nd November 2020**

Sixth Phase of Academic Instruction : **23rd November To12th December 2020**

INTERNAL TEST SCHEDULE

Name of the Test	Portion	Duration	Submission of Question Bank to Exam Cell	Submission of Result Analysis
Internal Test - I	UNIT I	10th to 16th September 2020	07.09.2020	18.09.2020
Internal Test - II	UNIT II	1st to 5th October 2020	29.09.2020	07.10.2020
Internal Test - III	UNIT III	16th to 19th October 2020	10.10.2020	22.10.2020
Internal Test – IV	UNIT IV	6th to 9th November 2020	03.11.2020	12.11.2020
Internal Test - V	UNIT V	23rd to 25th November 2020	19.11.2020	28.11.2020

Last Working Day : **16.12.2020**

No. of Working Days :

August	**: 15 Days**
September	**: 26 Days**
October	**: 24 Days**
November	**: 22 Days**
December	**: 14 Days**
Total No. of Working Days	**: 101 Days**

Commencement of Anna University Exams (Tentative) : **17th December 2020**

Events Planned :

DATE	NAME OF THE EVENT
05.09.2020	Teachers Day
15.09.2020	Engineers Day
12.12.2020	Academic Council Meeting
15.12.2020	Career Guidance Program
19.12.2020	Governing Council Meeting

Government Holidays :

DATE	LIST OF HOLIDAYS
15.08.2020	Independence day
22.08.2020	VinayagarChathurthi
30.08.2020	Moharam
02.10.2020	Gandhi Jayanti
25.10.2020	Saraswathi Pooja
26.10.2020	Vijayadashami
30.10.2020	Milad-un-Nabi
14.11.2020	Diwali
25.12.2020	Christmas

DATE	DAY	ACADEMIC ACTIVITIES	NO. OF WORKING DAYS
MONTH : AUGUST 2020			
12	WEDNESDAY	Academic Instruction	1
13	THURSDAY	Academic Instruction	2
14	FRIDAY	Academic Instruction	3
15	SATURDAY	**INDEPENDENCE DAY - HOLIDAY**	
16	SUNDAY	**HOLIDAY**	
17	MONDAY	Academic Instruction	4
18	TUESDAY	Academic Instruction	5
19	WEDNESDAY	Academic Instruction	6
20	THURSDAY	Academic Instruction	7
21	FRIDAY	Academic Instruction	8
22	SATURDAY	**VINAYAGAR CHATHURTHI - HOLIDAY**	
23	SUNDAY	**HOLIDAY**	
24	MONDAY	Academic Instruction	9
25	TUESDAY	Academic Instruction	10
26	WEDNESDAY	Academic Instruction	11
27	THURSDAY	Academic Instruction	12
28	FRIDAY	Academic Instruction	13
29	SATURDAY	Academic Instruction	14
30	SUNDAY	**HOLIDAY**	
31	MONDAY	Academic Instruction	15
MONTH : SEPTEMBER 2020			
1	TUESDAY	Academic Instruction	16
2	WEDNESDAY	Academic Instruction	17
3	THURSDAY	Academic Instruction	18
4	FRIDAY	Academic Instruction	19
5	SATURDAY	**TEACHERS DAY** / Academic Instruction	20
6	SUNDAY	**HOLIDAY**	
7	MONDAY	Academic Instruction / **Submission of Question Bank to Exam Cell - Internal Test I**	21
8	TUESDAY	Academic Instruction	22
9	WEDNESDAY	Academic Instruction	23
10	THURSDAY	**Internal Test I**	24
11	FRIDAY	**Internal Test I**	25
12	SATURDAY	**Internal Test I**	26

DATE	DAY	ACADEMIC ACTIVITIES	NO. OF WORKING DAYS
13	SUNDAY	**HOLIDAY**	
14	MONDAY	**Internal Test I**	27
15	TUESDAY	**Internal Test I / ENGINEERS DAY**	28
16	WEDNESDAY	**Internal Test I**	29
17	THURSDAY	Academic Instruction	30
18	FRIDAY	Academic Instruction / **Result Analysis Submission - Internal Test I**	31
19	SATURDAY	Academic Instruction	32
20	SUNDAY	**HOLIDAY**	
21	MONDAY	Academic Instruction	33
22	TUESDAY	Academic Instruction	34
23	WEDNESDAY	Academic Instruction	35
24	THURSDAY	Academic Instruction	36
25	FRIDAY	Academic Instruction	37
26	SATURDAY	Academic Instruction	38
27	SUNDAY	**HOLIDAY**	
28	MONDAY	Academic Instruction	39
29	TUESDAY	Academic Instruction / **Submission of Question Bank to Exam Cell - Internal Test II**	40
30	WEDNESDAY	Academic Instruction	41
MONTH : OCTOBER 2020			
1	THURSDAY	**Internal Test II** / **Internal Test II**	42
2	FRIDAY	**GANDHI JAYANTI - HOLIDAY**	
3	SATURDAY	**Internal Test II** / **Internal Test II**	43
4	SUNDAY	**HOLIDAY**	
5	MONDAY	**Internal Test II** / **Internal Test II**	44
6	TUESDAY	Academic Instruction	45
7	WEDNESDAY	Academic Instruction / **Result Analysis Submission - Internal Test II**	46
8	THURSDAY	Academic Instruction	47
9	FRIDAY	Academic Instruction	48
10	SATURDAY	**ECE: One Day Webinar on English and an Introduion to Language test** / Academic Instruction / **Submission of Question Bank to Exam Cell - Internal Test III**	49
11	SUNDAY	**HOLIDAY**	
12	MONDAY	Academic Instruction	50
13	TUESDAY	Academic Instruction	51
14	WEDNESDAY	Academic Instruction	52

DATE	DAY	ACADEMIC ACTIVITIES		NO. OF WORKING DAYS
15	THURSDAY	**ECE: One Day Webinar on Journey to the Dream / Demo Day- Exhibition cum Demo of Innovative Projects by IIC/** Academic Instruction		53
16	FRIDAY	**Internal Test III**	**Internal Test III**	54
17	SATURDAY	**Internal Test III ECE : One Day Webinar on Fundamentals of Matlab**	**Internal Test III ECE : One Day Webinar on Fundamentals of Matlab**	55
18	SUNDAY	**HOLIDAY**		
19	MONDAY	**Internal Test III**	**Internal Test III**	56
20	TUESDAY	Academic Instruction		57
21	WEDNESDAY	Academic Instruction		58
22	THURSDAY	Academic Instruction / **Result Analysis Submission - Internal Test III CLASS COMMITTEE MEETING – I for IV ECE Students**		59
23	FRIDAY	Academic Instruction **CLASS COMMITTEE MEETING – I for III ECE Students**		60
24	SATURDAY	**TOPPERS MEETING CLASS COMMITTEE MEETING – I for II ECE Students /** Academic Instruction		61
25	SUNDAY	**SARASWATHI POOJA - HOLIDAY**		
26	MONDAY	**VIJAYADASHAMI – HOLIDAY FIRST YEAR INDUCTION PROGRAM**		
27	TUESDAY	Academic Instruction		62
28	WEDNESDAY	Academic Instruction		63
29	THURSDAY	Academic Instruction		64
30	FRIDAY	**Milad-un-Nabi / HOLIDAY**		
31	SATURDAY	Academic Instruction		65

MONTH : NOVEMBER 2020

1	SUNDAY	**HOLIDAY**		
3	MONDAY	Academic Instruction / **Submission of Question Bank to Exam Cell - Internal Test IV**		66
3	TUESDAY	Academic Instruction		67
4	WEDNESDAY	Academic Instruction		68
5	THURSDAY	Academic Instruction		69
6	FRIDAY	**Internal Test IV**	**Internal Test IV**	70
7	SATURDAY	**Internal Test IV**	**Internal Test IV**	71
8	SUNDAY	**HOLIDAY**		

DATE	DAY	ACADEMIC ACTIVITIES		NO. OF WORKING DAYS
9	MONDAY	**Internal Test IV**	**Internal Test IV**	72
10	TUESDAY	Academic Instruction		73
11	WEDNESDAY	Academic Instruction		74
12	THURSDAY	Academic Instruction / **Result Analysis Submission - Internal Test IV**		75
13	FRIDAY	**HOLIDAY**		
14	SATURDAY	**DIWALI HOLIDAY**		
15	SUNDAY	**HOLIDAY**		
16	MONDAY	Academic Instruction		76
17	TUESDAY	Academic Instruction		77
18	WEDNESDAY	Academic Instruction		78
19	THURSDAY	Academic Instruction / **Submission of Question Bank to Exam Cell - Internal Test V**		79
20	FRIDAY	Academic Instruction		80
21	SATURDAY	Academic Instruction		81
22	SUNDAY	**HOLIDAY**		
23	MONDAY	**Internal Test V**	**Internal Test V**	82
24	TUESDAY	**Internal Test V**	**Internal Test V**	83
25	WEDNESDAY	**Internal Test V**	**Internal Test V**	84
26	THURSDAY	Placement Training for Final Year starts / PRACTICAL CLASSES		85
27	FRIDAY	PRACTICAL CLASSES		86
28	SATURDAY	PRACTICAL CLASSES / **Result Analysis Submission - Internal Test V**		87
29	SUNDAY	**HOLIDAY**		
30	MONDAY			
MONTH : DECEMBER 2020				
1	TUESDAY	PRACTICAL CLASSES		88
2	WEDNESDAY	PRACTICAL CLASSES		89
3	THURSDAY	PRACTICAL CLASSES		90
4	FRIDAY	**LAB MODEL EXAMINATION**		91
5	SATURDAY	Placement Training for Final Year ends / **LAB MODEL EXAMINATION**		92
6	SUNDAY	**HOLIDAY**		
7	MONDAY	**VALUE ADDED COURSE – IoT FOR Civil Engineers starts / MOTIVATION PROGRAM BY SUCCESSFUL INNOVATORS by IIC VALUE ADDED COURSE - "How to built applications and**		93

DATE	DAY	ACADEMIC ACTIVITIES	NO. OF WORKING DAYS
		projects using Arduino Programming" for IV-Civil students CLASS COMMITTEE MEETING – I for II, III, IV CSE Students	
8	TUESDAY		94
9	WEDNESDAY	Workshop on "AUTOCAD – 2D & 3D SOFTWARE" by IIC	95
10	THURSDAY	Placement Training for II & III Year starts	96
11	FRIDAY	VALUE ADDED COURSE - AUTODESK FUSION 360 for Mechanical Engineers starts VALUE ADDED COURSE – IoT for Civil Engineers/ Orientation program on National Educational Policy by IIC	97
12	SATURDAY	ACADEMIC COUNCIL MEETING / Placement Training for II & III Year ends / Webinar on Process of Innovation Devlopment" by IIC	98
13	SUNDAY	HOLIDAY	
14	MONDAY		99
15	TUESDAY	Webinar – Art of writtig a Reseacth paper by IIC Webinar – Orientation on Internship start-up CAREER GUIDANCE PROGRAM	100
16	WEDNESDAY	VALUE ADDED COURSE - AUTODESK FUSION 360 for Mechanical Engineers ends Last Working Day	101
17	THURSDAY	Commencement of University Exams	
18	FRIDAY		
19	SATURDAY	GOVERNING COUNCIL MEETING	
20	SUNDAY	HOLIDAY	
21	MONDAY	Submission of Course File	
22	TUESDAY	Webinar – Oriendation Session on National Innovation and Startup policy (NISP) by IIC	
23	WEDNESDAY	Audit of Course Files	
24	THURSDAY		
25	FRIDAY	CHRISTMAS - HOLIDAY	
26	SATURDAY		
27	SUNDAY	HOLIDAY	
28	MONDAY		
29	TUESDAY		
30	WEDNESDAY	Subject Allocation for next semester	
31	THURSDAY	ECE : One Day Webinar on Recent Technological Advancement in Electronics and Communication	

Prepared By
Dr. J. Sutha,HoD-CSE

Approved By
Principal

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ACADEMIC CALENDAR

2020 – 2021 EVEN SEMESTER

II, III & IV YEAR B.E.COURSES

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ACADEMIC CALENDAR
2020 – 2021 EVEN SEMESTER
II, III & IV YEAR B.E.COURSES

Reopening Date : **04.01.2021**

First Phase of Academic Instruction : **4th January 2021 To 27th January 2021**

Second Phase of Academic Instruction : **28th January 2021 To 10th February 2021**

Third Phase of Academic Instruction : **11th February 2021 To 24th February 2021**

Fourth Phase of Academic Instruction : **25th February 2021 To 12th March 2021**

Fifth Phase of Academic Instruction : **13th March 2021 To 28th March 2021**

Sixth Phase of Academic Instruction : **29th March 2021 To 17th April 2021**

INTERNAL TEST SCHEDULE

Name of the Test	Portion	Duration	Submission of Question Bank to Exam Cell	Submission of Result Analysis
Internal Test - I	UNIT I	28th to 30th January 2021	25.1.2021	01.02.2021
Internal Test - II	UNIT II	11th to 13th February 2021	06.02.2021	15.02.2021
Internal Test - III	UNIT III	25th to 27th February 2021	20.02.2021	01.03.2021
Internal Test – IV	UNIT IV	13th to 16th March 2021	08.03.2021	17.03.2021
Internal Test – V	UNIT IV	29th to 31st March 2021	24.03.2021	01.04.2021
Model Exam	ALL UNITS	9th to 17th April 2021	01.04.2021	19.04.2021

Last Working Day : **19.04.2021**

No. of Working Days :

January : **20 Days**
February : **24 Days**
March : **27 Days**
April : **12 Days**

Total No. of Working Days : **83 Days**

Commencement of Anna University Practical Exam : **21st April 2021**
Commencement of Anna University Theory Exam : **26th April 2021**

Project Review Schedule for IV Year :

DATE	REVIEW
9.12.2020 – 19.12.2020	Zeroth Project Review
09.01.2021	First Project Review
06.02.2021	Second Project Review
10.03.2021	Third Project Review
20.03.2021	Project Report (Hard & Soft copy) Submission

Events Planned :

DATE	NAME OF THE EVENT
28.02.2021	National Science Day
08.03.2021	Womens Day
22.03.2021	World Water Day
26.03.2021	Annual Day
27.03.2021	Sports Day
05.04.2021	Placement Day
24.04.2021	Graduation Day / Alumni Meeting

Government Holidays :

DATE	LIST OF HOLIDAYS
14.01.2021, 15.01.2021 & 16.01.2021	Pongal Holidays
26.01.2021	Republic Day
02.04.2021	Good Friday
13.04.2021	Telugu New Year
14.04.2021	Tamil New Year & Dr. B.R.Ambedkar's Birthday
25.04.2021	Mahavir Jeyanti

DATE	DAY	ACADEMIC ACTIVITIES	NO. OF WORKING DAYS
MONTH : JANUARY 2021			
4	MONDAY	**College Reopens for Even Semester** / Academic Instruction	1
5	TUESDAY	Academic Instruction	2
6	WEDNESDAY	Academic Instruction	3
7	THURSDAY	Academic Instruction	4
8	FRIDAY	Academic Instruction	5
9	SATURDAY	**First Project Review for IV Year** / Academic Instruction	6
10	SUNDAY	**HOLIDAY**	
11	MONDAY	**CIVIL: Mini – Project Expo / CSE:Technical Quiz Contest/ EEE: Association Inauguration and webinar on "Evolution of Embedded Controllers"** / Academic Instruction	7
12	TUESDAY	Academic Instruction	8
13	WEDNESDAY	Academic Instruction	9
14	THURSDAY	**PONGAL HOLIDAYS**	
15	FRIDAY	**PONGAL HOLIDAYS**	
16	SATURDAY	**PONGAL HOLIDAYS**	
17	SUNDAY	**HOLIDAY**	
18	MONDAY	**CSE: Guest Lecture on Career Guidance / EEE: A Live Talk on "Corporate Expectations" by Mr.T.Subramanian, Product Manager, Zoho Corporation, Chennai** Academic Instruction	10
19	TUESDAY	**MECH: Association Inaugural cum Webinar /** Academic Instruction	11
20	WEDNESDAY	**CSE: Poster Presentation Contest** /Academic Instruction	12
21	THURSDAY	Ideation Challenge Program in Association with IIC for I, II & III students – All Department	13
22	FRIDAY	**Toppers Meeting for II,III,IV-CSE / Innovative Idea and TECHNOFEST- 2021** event in Association with ALL Department Associations and IIC.	14
23	SATURDAY	Academic Instruction	15
24	SUNDAY	**HOLIDAY**	
25	MONDAY	**Submission of Question Bank to Exam Cell - Internal Test I** / Academic Instruction	16
26	TUESDAY	**REPUBLIC DAY - HOLIDAY**	
27	WEDNESDAY	Guest Lecture on Industrial Automation 4.0 in Associationn with IETE Students Chapter	17

DATE	DAY	ACADEMIC ACTIVITIES		NO. OF WORKING DAYS
28	THURSDAY	**Internal Test I**	**Internal Test I**	**18**
29	FRIDAY	**Internal Test I**	**Internal Test I**	**19**
30	SATURDAY	**Internal Test I**	**Internal Test I**	**20**
31	SUNDAY	**HOLIDAY**		

MONTH : FEBRUARY 2021

1	MONDAY	**Result Analysis Submission/Meeting –Internal Test I /** Academic Instruction		**21**
2	TUESDAY	**MECH : ISHRAE - Guest Lecture** / Academic Instruction		**22**
3	WEDNESDAY	**CSE: Code Debugging Contest** / Academic Instruction		**23**
4	THURSDAY	Academic Instruction		**24**
5	FRIDAY	**CSE: Webinar on GitHub: Where the world builds Software CIVIL:Symposium / Workshop** / Academic Instruction		**25**
6	SATURDAY	**Second Project Review for IV Year / Submission of Question Bank to Exam Cell - Internal Test II** / Academic Instruction		**26**
7	SUNDAY	**HOLIDAY**		
8	MONDAY	**EEE: Guest Lecture on "Software Programming for Engineering Applications" by Mr.B.Duraiprasanna, Srimax Software Technology, Sivakasi** / Academic Instruction		**27**
9	TUESDAY	**CSE: Webinar on "How to become an Entrepreneur" /** Academic Instruction		**28**
10	WEDNESDAY	**CSE: App Development Contest** /Academic Instruction		**29**
11	THURSDAY	**Internal Test II**	**Internal Test II**	**30**
12	FRIDAY	**Internal Test II**	**Internal Test II**	**31**
13	SATURDAY	**Internal Test II**	**Internal Test II**	**32**
14	SUNDAY	**HOLIDAY**		
15	MONDAY	**Result Analysis Submission/Meeting –Internal Test II /** Academic Instruction		**33**
16	TUESDAY	Academic Instruction		**34**
17	WEDNESDAY	**EEE: A session on "Placement Preparation and Career Planning" by Deepika Janakiram, Alumni** / Academic Instruction		**35**
18	THURSDAY	Academic Instruction		**36**
19	FRIDAY	**CSE: Power Seminar on IOT in association with ICT Academy** / Academic Instruction		**37**
20	SATURDAY	**Submission of Question Bank to Exam Cell - Internal Test III CSE: Webinar on Mobile App Development**		**38**

DATE	DAY	ACADEMIC ACTIVITIES		NO. OF WORKING DAYS
		/ Academic Instruction		
21	SUNDAY	**HOLIDAY**		
22	MONDAY	Academic Instruction		39
23	TUESDAY	Academic Instruction		40
24	WEDNESDAY	Guest Lecture by Industry Person - ECE		41
25	THURSDAY	**Internal Test III**	**Internal Test III**	42
26	FRIDAY	**Internal Test III**	**Internal Test III**	43
27	SATURDAY	**Internal Test III**	**Internal Test III**	44
28	SUNDAY	**NATIONAL SCIENCE DAY / HOLIDAY**		

MONTH : MARCH 2021

1	MONDAY	**EEE: Online technical quiz** **Result Analysis Submission/Meeting –Internal Test III /** Academic Instruction		45
2	TUESDAY	**MECH : BOSCH Training Program** / Academic Instruction		46
3	WEDNESDAY	**MECH : BOSCH Training Program** / Academic Instruction		47
4	THURSDAY	**MECH: Guest Lecture on Importance of Gate Exam by Mr.P.Karmegaraj, Gate Forum** / Academic Instruction		48
5	FRIDAY	**CIVIL: Guest Lecture by Industry person** /Academic Instruction		49
6	SATURDAY	ECE: Guest Lecture by Industry Person		50
7	SUNDAY	**HOLIDAY**		
8	MONDAY	**WOMENS DAY / Submission of Question Bank to Exam Cell - Internal Test IV /** Academic Instruction		51
9	TUESDAY	Academic Instruction		52
10	WEDNESDAY	**Third Project Review for IV Year /** Academic Instruction		53
11	THURSDAY	Academic Instruction		54
12	FRIDAY	Academic Instruction		55
13	SATURDAY	**Internal Test IV**	**Internal Test IV**	56
14	SUNDAY	**HOLIDAY**		
15	MONDAY	**Internal Test IV**	**Internal Test IV**	57
16	TUESDAY	**Internal Test IV**	**Internal Test IV**	58
17	WEDNESDAY	**Result Analysis Submission – Internal Test IV /** Academic Instruction		59
18	THURSDAY	Academic Instruction		60

DATE	DAY	ACADEMIC ACTIVITIES		NO. OF WORKING DAYS
19	FRIDAY	ECE Symposium/Workshop		61
20	SATURDAY	**Project Report submission for IV Year** / Academic Instruction		62
21	SUNDAY	**HOLIDAY**		
22	MONDAY	**WORLD WATER DAY /** Academic Instruction		63
23	TUESDAY	Academic Instruction		64
24	WEDNESDAY	**Submission of Question Bank to Exam Cell - Internal Test V/** Academic Instruction		65
25	THURSDAY	Academic Instruction		66
26	FRIDAY	**SPORTS DAY** / Academic Instruction		67
27	SATURDAY	**ANNUAL DAY** / Academic Instruction		68
28	SUNDAY	**HOLIDAY**		
29	MONDAY	**Internal Test V**	**Internal Test V**	69
30	TUESDAY	**Internal Test V**	**Internal Test V**	70
31	WEDNESDAY	**Internal Test V**	**Internal Test V**	71
MONTH : APRIL 2021				
1	THURSDAY	**EEE: Association Valedictory Function** **Result Analysis Submission – Internal Test V / Lab Record Submission / Submission of Question Bank to Exam Cell – Model Exam** / Academic Instruction		72
2	FRIDAY	**GOOD FRIDAY - HOLIDAY**		
3	SATURDAY	**HOLIDAY**		
4	SUNDAY	**HOLIDAY**		
5	MONDAY	**PLACEMENT DAY /** Academic Instruction / **Record Completion**		73
6	TUESDAY	Academic Instruction		74
7	WEDNESDAY	**Lab Model Exam**		75
8	THURSDAY	**Lab Model Exam**		76
9	FRIDAY	Academic Instruction	**Model Exam**	77
10	SATURDAY	Academic Instruction	**Model Exam**	78
11	SUNDAY	**HOLIDAY**		
12	MONDAY	Academic Instruction	**Model Exam**	79
13	TUESDAY	**TELUGU NEW YEAR – HOLIDAY**		
14	WEDNESDAY	**TAMIL NEW YEAR – HOLIDAY**		
15	THURSDAY	Academic Instruction	**Model Exam**	80
16	FRIDAY	Academic Instruction	**Model Exam**	81

DATE	DAY	ACADEMIC ACTIVITIES		NO. OF WORKING DAYS
17	SATURDAY	Academic Instruction	**Model Exam**	**82**
18	SUNDAY	**HOLIDAY**		
19	MONDAY	**Result Analysis Submission – Model Exam / Last Working Day**		**83**
20	TUESDAY			
21	WEDNESDAY	**Commencement of University Practical Exams**		
22	THURSDAY			
23	FRIDAY			
24	SATURDAY	**GRADUATION DAY / ALUMNI MEETING**		
25	SUNDAY	**MAHAVIR JEYANTI - HOLIDAY**		
26	MONDAY	**Commencement of University Theory Exams**		
27	TUESDAY			
28	WEDNESDAY			
29	THURSDAY			
30	FRIDAY			

MONTH : MAY 2021

CONDUCT OF DEPARTMENTWISE FDP, AUDIT OF COURSE FILE, PROCTOR DIARY & PERSONAL FILE

MONTH : JUNE 2021

VALUE ADDED COURSES & Placement & Training for II & III Year

Prepared By
Dr. J. Sutha,HoD-CSE

Approved By
Principal

AAA COLLEGE OF ENGINEERING AND TECHNOLOGY

Kamarajar Educational Road,Amathur, Sivakasi – 626 005.

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

ACADEMIC YEAR : 2020-2021 EVEN SEMESTER

FACULTY SUBJECT OPTION

Revision : 0

Date : 20-12-2020

S.No	COURSE CODE	COURSE TITILE	BRANCH/ SEM	Name of the Faculty									
				JS	CR	ASR	PE	TG	RP	KI	RI	GK	JH
THEORY COURSES													
1.	**GE8076**	**Professional Ethics in Engineering**	CSE/08							2		2	
2.	**CS8080**	**Information Retrieval Techniques**	CSE/08		2								
3.	CS8651	Internet Programming	CSE/06										
4.	CS8691	Artificial Intelligence	CSE/06			1							
5.	CS8601	Mobile Computing	CSE/06				2	2					
6.	CS8602	Compiler Design	CSE/06								1		
7.	CS8603	Distributed Systems	CSE/06				1		3			2	
8.	**CS8075**	**Data Warehousing and Data Mining**	CSE/06	1				3		3		3	
9.	CS8491	Computer Architecture	CSE/04		1						3		
10.	CS8492	Database Management Systems	CSE/04									1	2
11.	CS8451	Design and Analysis of Algorithms	CSE/04			3		1					
12.	CS8493	Operating Systems	CSE /04						1				1
13.	CS8494	Software Engineering	CSE /04	2	3		3		2		2		
14.	CS8251	Programming in C	CSE /02			2				1			

S.No	COURSE CODE	COURSE TITILE	BRANCH/ SEM	Name of the Faculty									
				JS	CR	ASR	PE	TG	RP	KI	RI	GK	JH
LABORATORY COURSES													
1	CS6811	Project Work	CSE/08			1							
2	CS8661	Internet Programming Laboratory	CSE/06										
3	CS8662	Mobile Application Development Laboratory	CSE/06			3	2	1		2			
4	CS8611	Mini Project	CSE/06				1						
5	CS8481	Database Management Systems Laboratory	CSE/04		2			3			3	1	
6	CS8461	Operating Systems Laboratory	CSE/04		1				1	3		3	
7	CS8261	C Programming Laboratory	CSE/02		3	2		2		1	2	2	
FACULTY SIGNATURE													

Prepared By
(Mrs.K.Indumathi AP/CSE)

Approved By
(HOD-CSE)

AAA COLLEGE OF ENGINEERING & TECHNOLOGY

Kamarajar Educational Road, Amathur, Sivakasi – 626 005.

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

SUBJECT ALLOTMENT

Academic Year: 2020 – 2021 **SEMESTER: EVEN**

S.No	Faculty Name /Designation	Course Code	Course Name	Semester	Year	Branch	Theory/ Practical/ Project	No. of times handled after joined in AAA
1	Dr.J.Sutha Professor & Head	CS8075	Data Warehousing and Data Mining	VI	III	CSE	Theory	1
2	Mr.C.Rajkannan Assistant Professor	CS8080	Information Retrieval Techniques	VIII	IV	CSE	Theory	1
		CS8491	Computer Architecture	IV	II	CSE	Theory	1
3	Dr.A.Shenbagarajan Associate Professor	CS8691	Artificial Intelligence	VI	III	CSE	Theory	1
		CS6811	Project Work	VIII	IV	CSE	Project	2
4	Mr.P.Elamparithi Assistant Professor	CS8603	Distributed Systems	VI	III	CSE	Theory	1
		CS8611	Mini Project	VI	III	CSE	Project	1
5	Mrs. T.GladimaNisia Assistant Professor	CS8451	Design and Analysis of Algorithms	IV	II	CSE	Theory	1
		CS8662	Mobile Application Development Laboratory(M)	VI	III	CSE	Practical	1
6	Mr. R.Prabhu Assistant Professor	CS8493	Operating Systems	IV	II	CSE	Theory	2
		CS8461	Operating Systems Laboratory(M)	IV	II	CSE	Practical	2
7	Mrs.K.Indumathi Assistant Professor	GE8076	Professional Ethics in Engineering	VIII	IV	CSE	Theory	1
		CS8251	Programming in C	II	I	CSE	Theory	2
		CS8261	C Programming Laboratory(M)	II	I	CSE	Practical	1
8	Mrs. R.Indhuja Assistant Professor	CS8494	Software Engineering	IV	II	CSE	Theory	1
		CS8602	Compiler Design	VI	III	CSE	Theory	1
		CS8602	Compiler Design	VI	III	CSE	Practical	1
9	Mrs.G.Kavitha Assistant Professor	CS8492	Database Management Systems	IV	II	CSE	Theory	1
		CS8481	Database Management Systems Laboratory(M)	IV	II	CSE	Practical	1
		CS8601	Mobile Computing	VI	III	CSE	Theory	-
10	Dr.J.Hemalatha Assistant Professor	CS8651	Internet Programming	VI	III	CSE	Theory	-
		CS8661	Internet Programming Laboratory(M)	VI	III	CSE	Practical	-

Time Table Coordinator

HoD - CSE

Principal

	AAA COLLEGE OF ENGINEERING AND TECHNOLOGY **Kamarajar Educational Road,** **DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING** **ACADEMIC YEAR : 2020-2021 EVEN SEMESTER** **ELECTIVE OPTION**	**Revision:0** **Date:23.11.2020**

SEMESTER: VIII

Professional Elective V

S.No	Register No	Name of the Student	Professional Elective V							Signature
			EE8011	EE8012	EE8013	EE8014	EE8015	GE8076	MG8591	
1	953717105001	AISHWARYA S						✓		S. Aishwarya
2	953717105002	AJAY KUMAR M M						✓		M. Ajay
3	953717105003	AJAY VISHAAL T						✓		
4	953717105004	ANGELIN LAVANYA R						✓		R. Angelin Lavanya
5	953717105005	ANTONYRAJ S						✓		
6	953717105006	ARAVIND K						✓		K Aravind
7	953717105007	ARUN KUMAR M						✓		M.
8	953717105008	ASHOK KUMAR P						✓		P.
9	953717105009	BALAKUMAR S						✓		S. Balakumar.
10	953717105010	DARWIN ANTO J						✓		Anto
11	953717105011	DHANA SANKAR S						✓		S. Dhana
12	953717105013	ESTHER JEMIMA J						✓		Esther Jemima
13	953717105015	GOKUL RAM R						✓		R. Gokul
14	953717105016	GOWTHAMRAJ V						✓		V.
15	953717105017	KARTHIKEYAN S						✓		S.
16	953717105018	KASINATHAN P						✓		P.
17	953717105019	KASTHURI K						✓		K. Kasthuri
18	953717105020	MARIGANESH M						✓		M. Mariganesh

S.No	Register No	Name of the Student	Professional Elective V							Signature
			EE8011	EE8012	EE8013	EE8014	EE8015	GE8076	MG8591	
19	953717105021	MATHAN M						✓		
20	953717105022	MONICA S						✓		S.Monica
21	953717105023	MUTHUPANDI S						✓		
22	953717105024	PALANISANKAR S						✓		
23	953717105025	PANDEESWARI P						✓		
24	953717105028	RAMACHANDRAN M						✓		
25	953717105030	SANKARGANESH C						✓		
26	953717105031	SANTHIYA B						✓		B.Santhiya
27	953717105032	SANTHOSH PAUL P						✓		
28	953717105033	SARASWATHI R						✓		
29	953717105034	SELVAVIJAY S						✓		
30	953717105035	SIVAKAMI G R						✓		G.R.Sivakami
31	953717105036	VAIRAM K						✓		
32	953717105037	VENKAT MARIAMMAL K						✓		K.Venkat Mariammal
33	953717105038	VIGNESH KUMAR S						✓		
34	953717105039	VIGNESHWARAN T						✓		
35	953717105040	VIJAYA BABU V						✓		
36	953717105301	SARAVANA RAJ K						✓		
		Total								

S.No	Course Code	Course Name
1	EE8011	Flexible AC Transmission systems
2	EE8012	Soft Computing Techniques
3	EE8013	Power System Dynamics
4	EE8014	SMPS and UPS
5	EE8015	Electric Energy Generation, Utilization and Conservation
6	GE8076	Professional Ethics in Engineering
7	MG8591	Principles of Management

The Course selected for Professional Elective V :

Elective	Course Code	Course Name	No. of Students Selected this course	Reason for selecting the Course
Professional Elective V	GE8076	Professional Ethics in Engineering	36	Moral values, Human values and Ethics are essential for Professional Engineers. This will Help them in their profession.

24/11/2020
Prepared By
(Mrs.B.Sarojini, AP/EEE)

24/11/2020
Approved By
(HoD-EEE)

	AAA COLLEGE OF ENGINEERING AND TECHNOLOGY Kamarajar Educational Road, DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING ACADEMIC YEAR : 2020-2021 EVEN SEMESTER ELECTIVE OPTION	Revision:0 Date:23.11.2020

SEMESTER: VIII

Professional Elective VI

S.No	Register No	Name of the Student	Professional Elective VI							Signature
			EE8016	CS8391	EE8017	EE8018	EE8019	EI8073	GE8073	
1	953717105001	AISHWARYA S					✓			S. Aishwarya
2	953717105002	AJAY KUMAR M M								
3	953717105003	AJAY VISHAAL T					✓			Ajay
4	953717105004	ANGELIN LAVANYA R					✓			R. Angelin Lavanya
5	953717105005	ANTONYRAJ S					✓			A. Antony
6	953717105006	ARAVIND K					✓			K Aravind
7	953717105007	ARUN KUMAR M					✓			M Arun
8	953717105008	ASHOK KUMAR P								
9	953717105009	BALAKUMAR S								
10	953717105010	DARWIN ANTO J					✓			Anto
11	953717105011	DHANA SANKAR S					✓			Sahr
12	953717105013	ESTHER JEMIMA J					✓			Esther Jemima. J
13	953717105015	GOKUL RAM R					✓			R. Gokulram
14	953717105016	GOWTHAMRAJ V					✓			N. Leon
15	953717105017	KARTHIKEYAN S					✓			S. Karthi
16	953717105018	KASINATHAN P					✓			P. Sujith
17	953717105019	KASTHURI K					✓			K. Kasthuri
18	953717105020	MARIGANESH M					✓			M Mariganesh.

S.No	Register No	Name of the Student	Professional Elective VI							Signature
			EE8016	CS8391	EE8017	EE8018	EE8019	EI8073	GE8073	
19	953717105021	MATHAN M					✓			
20	953717105022	MONICA S					✓			
21	953717105023	MUTHUPANDI S					✓			
22	953717105024	PALANISANKAR S					✓			
23	953717105025	PANDEESWARI P					✓			
24	953717105028	RAMACHANDRAN M					✓			
25	953717105030	SANKARGANESH C					✓			
26	953717105031	SANTHIYA B					✓			
27	953717105032	SANTHOSH PAUL P					✓			
28	953717105033	SARASWATHI R					✓			
29	953717105034	SELVAVIJAY S					✓			
30	953717105035	SIVAKAMI G R					✓			
31	953717105036	VAIRAM K					✓			
32	953717105037	VENKAT MARIAMMAL K					✓			
33	953717105038	VIGNESH KUMAR S					✓			
34	953717105039	VIGNESHWARAN T					✓			
35	953717105040	VIJAYA BABU V					✓			
36	953717105301	SARAVANA RAJ K					✓			
		Total								

S.No	Course Code	Course Name
1	EE8016	Energy Management and Auditing
2	CS8391	Data Structures
3	EE8017	High Voltage Direct Current Transmission
4	EE8018	Microcontroller based system Design
5	EE8019	Smart Grid
6	EI8073	Biomedical Instrumentation
7	GE8073	Fundamentals of Nano Science

The Course selected for Professional Elective VI :

Elective	Course Code	Course Name	No. of Students Selected this course	Reason for selecting the Course
Professional Elective VI	EE8019	Smart Grid	36	Emerging technology in power systems.

B Sarojini 24/11/2020
Prepared By
(Mrs.B.Sarojini, AP/EEE)

C. Senthil 24/11/2020
Approved By
(HoD-EEE)

AAA COLLEGE OF ENGINEERING AND TECHNOLOGY

Kamarajar Educational Road,Amathur, Sivakasi – 626 005.

Revision : 01

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Date:22.02.2021

ACADEMIC YEAR 2020-2021 EVEN SEMESTER - CLASS TIME TABLE

Year & Semester : II & IV **Venue : 2011**

Class Advisor :Mrs.K.Indumathi **Proctors: Dr.A.Shenbagarajan,Mrs.K.Indumathi,Dr.J.Hemalatha**

DAY / HOUR	I	II	10.50 A.M - 11.05 A.M	III	IV	12.45 P.M - 1.30 P.M	V	VI	3.00 P.M - 3.10 P.M	VII	VIII
	9.10A.M - 10.00 .M	10.00A.M - 10.50 .M		11.05A.M- 11.55 A.M	11.55A.M - 12.45 P.M		1.30 P.M - 2.15 P.M	2.15 P.M - 3.00 P.M		3.10 P.M - 3.55 P.M	3.55 P.M - 4.40 P.M
MONDAY	CS8491	CS8451	TEA BREAK	MA8402	CS8492	LUNCH BREAK	CS8494	CS8461/ HS8461	TEA BREAK	CS8461/HS8461	
TUESDAY	MA8402			CS8493	CS8451		CS8492	CS8491		CS8493	CS8494
WEDNESDAY	CS8451	CS8492		CS8494	CS8493		CS8491	HS8461/ CS8481		HS8461/CS8481	
THURSDAY	CS8492	MA8402		CS8493	CS8494		CS8451	MA8402		CS8491	GAMES
FRIDAY	CS8493	CS8451		CS8491	CS8492		CS8481/CS8461			CS8481/ CS8461	LIB
SATURDAY	CS8494	CS8493		MA8402	CS8491		CS8451	CS8494		CS8492	COUN

S.No	Course Code	Course Name	Name of the Faculty	Designation/Department
1	MA8402	Probability and Queueing Theory	Mr.Saravana Perumal	AP/Maths
2	CS8491	Computer Architecture	Mr.C.Rajkannan	AP/CSE
3	CS8492	Database Management Systems	Mrs.G.Kavitha	AP/CSE
4	CS8451	Design and Analysis of Algorithms	Mrs.T.Gladima Nisia	AP/CSE
5	CS8493	Operating Systems	Mr.R.Prabhu	AP/CSE
6	CS8494	Software Engineering	Mrs.R.Indhuja	AP/CSE
7	CS8481	Database Management Systems Laboratory	Mrs.G.Kavitha(M) Dr.A.Shenbagarajan(A) Dr.J.Hemalatha(A)	AP/CSE ASP/CSE AP/CSE
8	CS8461	Operating Systems Laboratory	Mr.R.Prabhu(M) Mr.C.Rajkannan (A)	AP/CSE AP/CSE
9	HS8461	Advanced Reading and Writing	Mr.V.Thiraviyarajan(M) Ms.Bavithra(A)	AP/English AP/English
10	LIB/ASSO	Library/ Association	Dr.A.Shenbagarajan	ASP/CSE
11	COUN	Counselling	Dr.A.Shenbagarajan Mrs.K.Indumathi Dr.J.Hemalatha	ASP/CSE AP/CSE AP/CSE
12	GAMES	Games	Mr.C.Rajkumar	AP/Physical Director

Timetable Co-ordinator **Head of the Department** **Principal**

	AAA COLLEGE OF ENGINEERING AND TECHNOLOGY Kamarajar Educational Road,Amathur, Sivakasi – 626 005. **DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING** **ACADEMIC YEAR 2020-2021 EVEN SEMESTER - CLASS TIME TABLE**	**Revision : 01** **Date:22.02.2021**

Year & Semester : III & VI **Venue : 2051**

Class Advisor :Mrs.T.Gladima Nisia **Proctors :Mrs.G.Kavitha & Mr.C.Rajkannan**

DAY / HOUR	I 9.10A.M - 10.00 .M	II 10.00A.M - 10.50 .M	10.50 A.M - 11.05 A.M	III 11.05A.M-11.55 A.M	IV 11.55A.M - 12.45 P.M	12.45 P.M - 1.30 P.M	V 1.30 P.M - 2.15 P.M	VI 2.15 P.M - 3.00 P.M	3.00 P.M - 3.10 P.M	VII 3.10 P.M - 3.55 P.M	VIII 3.55 P.M - 4.40 P.M
MONDAY	CS8602	CS8601	TEA BREAK	CS8075	CS8651	LUNCH BREAK	CS8691	CS8662 ←	TEA BREAK	CS8662 →	
TUESDAY	CS8601	CS8603		HS8581 →			CS8691	CS8602		CS8651	COUN
WEDNESDAY	CS8075	CS8651		CS8691	CS8601		CS8602 →			CS8603	LIB
THURSDAY	CS8691	CS8602		CS8651	CS8075		CS8603	CS8661 ←		CS8661 →	
FRIDAY	CS8651	CS8601		CS8603	CS8691		CS8075	CS8603		CS8602	GAMES
SATURDAY	CS8603	CS8075		CS8691	CS8602		CS8601	CS8651		CS8611 →	

S.No	Course Code	Course Name	Name of the Faculty	Designation/Department
1	CS8651	Internet Programming	Dr.J.Hemalatha	AP/CSE
2	CS8691	Artificial Intelligence	Dr.A.Shenbagarajan	ASP/CSE
3	CS8601	Mobile Computing	Mrs.G.Kavitha	AP/CSE
4	CS8602	Compiler Design	Mrs.R.Indhuja	AP/CSE
5	CS8603	Distributed Systems	Mr.P.Elamparithi	AP/CSE
6	CS8075	Data Warehousing and Data Mining	Dr.J.Sutha	Professor & HoD -CSE
7	CS8661	Internet Programming Laboratory	Dr.J.Hemalatha (M) Mr.R.Prabhu (A)	AP/ CSE AP/ CSE
8	CS8662	Mobile Application Development Laboratory	Mrs.T.GladimaNisia (M) Mr.P.Elamparithi (A)	AP/CSE AP/CSE
9	CS8611	Mini Project	Mr.P.Elamparithi(M) Dr.J.Sutha(A)	AP/CSE HoD/CSE
10	HS8581	Professional Communication	Mr.V.Thiraviyarajan(M) Ms.P.Bavithra(A)	AP/English AP/English
11	LIB/ASSO	Library/Association	Mr.P.Elamparithi	AP/CSE
12	COUN	Counselling	Mrs.G.Kavitha Mr.C.Rajkannan	AP/CSE AP/CSE

Timetable Co-ordinator

Head of the Department

Principal

	AAA COLLEGE OF ENGINEERING AND TECHNOLOGY Kamarajar Educational Road,Amathur, Sivakasi – 626 005. **DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING** **ACADEMIC YEAR 2020-2021 EVEN SEMESTER - CLASS TIME TABLE**	**Revision : 00** **Date:14.12.2020**

Year & Semester : IV& VIII **Venue : 2012**

Class Advisor :Mrs.R.Indhuja **Proctors: Mr.P.Elamparithi & Mr.R.Prabhu**

DAY / HOUR	I 9.10A.M - 10.00 .M	II 10.00A.M - 10.50 .M	10.50 A.M - 11.05 A.M	III 11.05A.M- 11.55 A.M	IV 11.55A.M - 12.45 P.M	12.45 P.M - 1.30 P.M	V 1.30 P.M - 2.15 P.M	VI 2.15 P.M - 3.00 P.M	3.00 P.M - 3.10 P.M	VII 3.10 P.M - 3.55 P.M	VIII 3.55 P.M - 4.40 P.M
MONDAY	GE8076		TEA BREAK	CS8080		LUNCH BREAK	COUN	CS8811 ←	TEA BREAK	CS8811 →	
TUESDAY	CS8080			GE8076			CS8811 ←			CS8811 →	
WEDNESDAY	GE8076			CS8080			CS8811 ←			CS8811 →	
THURSDAY	Placement Training/ →						CS8811- Project Work →				
FRIDAY	Placement Training/ →						CS8811- Project Work →				
SATURDAY	CS8811- Project Work →						CS8811- Project Work →				

S.No	Course Code	Course Name	Name of the Faculty	Designation/Department
1	GE8076	Professional Ethics in Engineering	Mrs.K.Indumathi	AP/CSE
2	CS8080	Information Retrieval Techniques	Mr.C.Rajkannan	AP/CSE
3	CS8811	Project Work	Dr.A.Shenbagarajan	ASP/CSE
4	COUN	Counselling	Mr.P.Elamparithi Mr.R.Prabhu	AP/CSE AP/CSE

Timetable Co-ordinator **Head of the Department** **Principal**

AAA COLLEGE OF ENGINEERING AND TECHNOLOGY

Kamarajar Educational Road, Amathur, Sivakasi – 626 005.

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

ACADEMIC YEAR 2020-2021 EVEN SEMESTER – INDIVIDUAL TIME TABLE

Revision : 1

Date: 22.02.2021

***Faculty Name (Total Load) Theory / Lab / Supporting and Curricular Load

Faculty Name : **Dr.J.Sutha (10) 5/ - / 5**

DAY	I	II	III	IV	V	VI	VII	VIII
MON			DW					
TUE								
WED	DW					Proj		
THU				DW				
FRI					DW			
SAT		DW					M.Proj	

Course Code &Name : CS8075-DW(5); CS8611-M.Proj(2); CS6811-Proj(3);

Faculty Name : **Mr.C.Raj Kannan (20) 12/ - / 8**

DAY	I	II	III	IV	V	VI	VII	VIII
MON	CA		IR			OS.Lab		
TUE	IR					CA		Coun
WED			IR		CA	Proj		
THU							CA	
FRI			CA		OS.Lab			
SAT				CA				

Course Code &Name : CS8491-CA(6); CS8080-IR(6);Coun-(1); CS8461-OS.Lab(6); CS6811-Proj(1)

Faculty Name : **Mr.P.Elamparithi (14) 6 / - / 8**

DAY	I	II	III	IV	V	VI	VII	VIII
MON					Coun	Mob.Lab		
TUE		DS			Proj			
WED							DS	III Lib
THU					DS			
FRI			DS			DS		
SAT	DS						M.Proj	

Course Code &Name : CS8603-DS(6); CS8611-M.Proj(2); CS8662-Mob.Lab(3);CS6811-Proj(1);Lib(1);Coun-(1);

Faculty Name : **Dr.A.Shenbagarajan (14) 6/ - /8**

DAY	I	II	III	IV	V	VI	VII	VIII
MON					AI			
TUE					AI		Proj	
WED			AI				Proj	Proj
THU	AI							
FRI				AI	DBMS Lab			II Lib
SAT			AI					Coun

Course Code &Name: CS8691-AI(6); CS6811-Project(3); Coun-(1); CS8481-DBMS Lab(3);

Faculty Name : **Mr.R.Prabhu (17) 06 / 06 / 05**

DAY	I	II	III	IV	V	VI	VII	VIII
MON					Coun	OS.Lab		
TUE			OS			Proj	OS	
WED				OS				
THU			OS			IP.Lab		
FRI	OS				OS.Lab			
SAT		OS						

Course Code &Name : CS8493-OS(6);CS8461-OS.Lab(3); CS6811- Proj (1); CS8661-IP.Lab(3); Coun-(1);

Faculty Name : **Mrs.G.Kavitha (19) 11 / 06 / 02**

DAY	I	II	III	IV	V	VI	VII	VIII
MON		MC		DB				Proj
TUE	MC				DB			Coun
WED		DB		MC		DBMS Lab		
THU	DB							
FRI		MC		DB	DBMS Lab			
SAT					MC		DB	

Course Code &Name : CS8492-DB(6);CS8481-DBMS Lab(3); CS6811-Proj(1); CS8601-MC(5)Coun-(1);

Faculty Name : **Dr.J.Hemalatha (14) - 06 / 03 / 05**

DAY	I	II	III	IV	V	VI	VII	VIII
MON				IP		Proj		
TUE							IP	
WED		IP				DBMS Lab		
THU			IP			IP.Lab		
FRI	IP							
SAT						IP		Coun

Course Code &Name : CS8481-DBMS Lab(3); CS8651-IP(6);CS6811-Proj(1); CS8661-IP.Lab(3); Lib-(1); Coun-(1);

Faculty Name : **Mrs.K.Indumathi (20) 12 / 06 / 02**

DAY	I	II	III	IV	V	VI	VII	VIII
MON	PEE							
TUE			PEE		C.Lab			
WED	PEE				Proj			
THU					C.Lab			
FRI								
SAT								Coun

Course Code &Name : GE8076-PEE(6); CS6811-Proj(1); CS8261-C.Lab(3);CS8251-C(6)

AAA COLLEGE OF ENGINEERING AND TECHNOLOGY

Kamarajar Educational Road, Amathur, Sivakasi – 626 005.

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

ACADEMIC YEAR 2020-2021 EVEN SEMESTER – INDIVIDUAL TIME TABLE

Revision : 1

Effective from
Date: 22.02 .2021

Faculty Name: **Mrs.T.Gladima Nisia (13)** **06/ 03 /04**

DAY	I	II	III	IV	V	VI	VII	VIII
MON		DAA				Mob.Lab		
TUE				DAA	C.Lab			Proj
WED	DAA							
THU					DAA			
FRI		DAA						
SAT					DAA			

Course Code &Name : CS8451-DAA(6); CS6811-Proj(1); CS8662-Mob.Lab(3); CS8261-C.Lab(3);

Faculty Name : **Mr.SaravanaPerumal AP/Maths (05)** **5 / - / -**

DAY	I	II	III	IV	V	VI	VII	VIII
MON			MA					
TUE	MA							
WED								
THU		MA				MA		
FRI								
SAT			MA					

Course Code &Name : MA8402–MA(6);

Faculty Name : **Ms.P.Bavithra AP/Eng (08)** **- / - / 8**

DAY	I	II	III	IV	V	VI	VII	VIII
MON						Adv.R&W		
TUE		Prof.Comm Lab						
WED						Adv.R&W		
THU								
FRI								
SAT								

Course Code &Name:HS8461-Adv.R&WLab;HS8581-Prof.Comm Lab

Faculty Name : **Mrs.R.Indhuja (17)** **11 / 02 / 04**

DAY	I	II	III	IV	V	VI	VII	VIII
MON	CD				SE		Proj	
TUE						CD		SE
WED			SE		CD.Lab			
THU		CD		SE	C.Lab			
FRI							CD	
SAT	SE			CD		SE		

Course Code &Name : CS8494-SE(6); CS6811-Proj(1);CS8602-CD(5);CS8602-CD.Lab(2) CS8261-C.Lab(3);

Faculty Name : **Mr.V.Thiraviyarajan AP/Eng (08)** **- / 8 /**

DAY	I	II	III	IV	V	VI	VII	VIII
MON						Adv.R&W		
TUE		Prof.Comm Lab						
WED						Adv.R&W		
THU								
FRI								
SAT								

Course Code &Name : HS8461-Adv.R&W(6); HS8581-Prof.Comm Lab(2)

T.Gladima 13/2/21
Timetable Co-ordinator

Head of the Department

12/2/21
Principal

AAA COLLEGE OF ENGINEERING AND TECHNOLOGY

Kamarajar Educational Road, Amathur, Sivakasi – 626 005.

Revision : 0
Date :

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

ACADEMIC YEAR 2020-2021 – EVEN SEMESTER –CLASS MASTER TIME TABLE

DAY	SEMESTER/ HOUR	I 9.30 A.M - 10.30 A.M	II 10.30 A.M - 11.30 A.M	III 11.30 A.M - 12.30 P.M	12.30 P.M - 02.00 P.M	IV 2.00 P.M - 3.00 P.M	VI 3.00 P.M- 4.00 P.M
MON	IV	CS8492(G.K)	CS8494(R.I)	MA8402(M.S)	LUNCH BREAK	CS8493(R.P)	CS8451(T.G)
	VI	CS8075(J.S)	CS8651(J.H)	CS8601(G.K)		CS8602(R.I)	CS8603(P.E)
	VIII	CS8080(C.R)	CS8080(C.R)	GE8076(K.I)		LIB(A.S.R)	GE8076(K.I)
TUES	IV	CS8491	CS8451(T.G)	CS8494(R.I)		MA8402(M.S)	CS8492(G.K)
	VI	CS8602(R.I)	CS8075(J.S)	CS8603(P.E)		CS8651(J.H)	CS8691(A.S.R)
	VIII	GE8076(K.I)	CS8811	GE8076(K.I)		CS8080(C.R)	CS8080(C.R)
WED	IV	MA8402(M.S)	CS8494(R.I)	CS8493(R.P)		CS8492(G.K)	CS8491
	VI	CS8651(J.H)	CS8691(A.S.R)	CS8601(G.K)		CS8075(J.S)	CS8602(R.I)
	VIII	CS8080(C.R)	CS8080(C.R)	CS8811		GE8076(K.I)	GE8076(K.I)
THURS	IV	CS8494(R.I)	CS8492(G.K)	CS8491		CS8451(T.G)	CS8493(R.P)
	VI	CS8691(A.S.R)	CS8075(J.S)	CS8602(R.I)		CS8603(P.E)	CS8601(G.K)
	VIII	Project Work / Placement Training				Project Work / Placement Training	
FRI	IV	CS8451(T.G)	CS8493(R.P)	CS8491		MA8402(M.S)	CS8494(R.I)
	VI	CS8601(G.K)	CS8603(P.E)	CS8651(J.H)		CS8691(A.S.R)	CS8075(J.S)
	VIII	Project Work / Placement Training				Project Work / Placement Training	
SAT	IV	CS8493(R.P)	CS8451(T.G)	CS8492(G.K)		CS8491	MA8402(M.S)
	VI	CS8603(P.E)	CS8691(A.S.R)	CS8602(R.I)		CS8601(G.K)	CS8651(J.H)
	VIII	Project Work / Placement Training				Project Work / Placement Training	

Timetable Co-ordinator

Head of the Department

Principal

S.No	Name of the Faculty	Abbreviation
1.	Mr.M.Saravana Perumal	M.S
2.	Dr.J.Sutha	J.S
3.	Mr.C.Rajkannan	C.R
4.	Mr.P.Elamparithi	P.E
5.	Dr.A.Shenbagarajan	A.S.R
6.	Mrs.G.Kavitha	G.K
7.	Mrs.K.Indumathi	K.I
8.	Mr.R.Prabhu	R.P
9.	Mrs.T.GladimaNisia	T.G
10.	Mrs.R.Indhuja	R.I
11.	Mrs.J.Hemalatha	J.H

PART II

SYLLABUS AS PER ANNA UNIVERSITY REGULATION 2013

EE8703 RENEWABLE ENERGY SYSTEMS **LT P C3 0 0 3**

OBJECTIVES:

To impart knowledge on the following Topics

- Awareness about renewable Energy Sources and technologies.
- Adequate inputs on a variety of issues in harnessing renewable Energy.
- Recognize current and possible future role of renewable energy sources.

UNIT I RENEWABLE ENERGY (RE) SOURCES **9**

Environmental consequences of fossil fuel use, Importance of renewable sources of energy, Sustainable Design and development, Types of RE sources, Limitations of RE sources, Present Indian and international energy scenario of conventional and RE sources.

UNIT II WIND ENERGY **9**

Power in the Wind – Types of Wind Power Plants(WPPs)–Components of WPPs-Working of WPPs- Siting of WPPs-Grid integration issues of WPPs.

UNIT III SOLAR PV AND THERMAL SYSTEMS 9

Solar Radiation, Radiation Measurement, Solar Thermal Power Plant, Central Receiver Power Plants, Solar Ponds.- Thermal Energy storage system with PCM- Solar Photovoltaic systems : Basic Principle of SPV conversion – Types of PV Systems- Types of Solar Cells, Photovoltaic cell concepts: Cell, module, array ,PV Module I-V Characteristics, Efficiency & Quality of the Cell, series and parallel connections, maximum power point tracking, Applications.

UNIT IV BIOMASS ENERGY **9**

Introduction-Bio mass resources –Energy from Bio mass: conversion processes-Biomass Cogeneration-Environmental Benefits. Geothermal Energy: Basics, Direct Use, Geothermal Electricity. Mini/micro hydro power: Classification of hydropower schemes, Classification of water turbine, Turbine theory, Essential components of hydroelectric system.

UNIT V OTHER ENERGY SOURCES **9**

Tidal Energy: Energy from the tides, Barrage and Non Barrage Tidal power systems. Wave Energy: Energy from waves, wave power devices. Ocean Thermal Energy Conversion (OTEC)- Hydrogen Production and Storage- Fuel cell : Principle of working- various types - construction and applications. Energy Storage System- Hybrid Energy Systems.

TOTAL : 45 PERIODS

COURSE OUTCOMES:

After the course, the student should be able to:

CO-1	Explain the importance and limitations of renewable energies in present Indian and International energy scenario.
CO-2	Describe the working of different types of wind power plants and its grid integration issues.
CO-3	Discuss the solar energy harnessing methods along with types, characteristics and applications.
CO-4	Analyze the energy conversion process and the environmental effects on biomass energy, geo thermal energy and hydro power generating power plants.
CO-5	Examine the working of several renewable energy systems such as tidal energy, ocean thermal energy, hydrogen production and storage, Energy storage systems and hybrid systems.

AAA COLLEGE OF ENGINEERING AND TECHNOLOGY
DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

YEAR: IV SEMESTER: VII

EE8703 RENEWABLE ENERGY SYSTEMS

UNIT I RENEWABLE ENERGY (RE) SOURCES 9

Environmental consequences of fossil fuel use, Importance of renewable sources of energy, Sustainable Design and development, Types of RE sources, Limitations of RE sources, Present Indian and international energy scenario of conventional and RE sources.

UNIT II WIND ENERGY 10

Power in the Wind – Types of Wind Power Plants(WPPs)–Components of WPPs-Working of WPPs- Siting of WPPs-Grid integration issues of WPPs. **Power converter topologies for wind turbines.**

UNIT III SOLAR PV AND THERMAL SYSTEMS 10

Solar Radiation, Radiation Measurement, Solar Thermal Power Plant, Central Receiver Power Plants, Solar Ponds.- Thermal Energy storage system with PCM- Solar Photovoltaic systems : Basic Principle of SPV conversion – Types of PV Systems- Types of Solar Cells, Photovoltaic cell concepts: Cell, module, array ,PV Module I-V Characteristics, Efficiency & Quality of the Cell, series and parallel connections, maximum power point tracking, Applications. **Role of Power Converters in Distributed Solar Power Generation**

UNIT IV BIOMASS ENERGY 9

Introduction-Bio mass resources –Energy from Bio mass: conversion processes-Biomass Cogeneration-Environmental Benefits. Geothermal Energy: Basics, Direct Use, Geothermal Electricity. Mini/micro hydro power: Classification of hydropower schemes, Classification of water turbine, Turbine theory, Essential components of hydroelectric system.

UNIT V OTHER ENERGY SOURCES 9

Tidal Energy: Energy from the tides, Barrage and Non Barrage Tidal power systems. Wave Energy: Energy from waves, wave power devices. Ocean Thermal Energy Conversion (OTEC)- Hydrogen Production and Storage- Fuel cell : Principle of working- various types - construction and applications. Energy Storage System- Hybrid Energy Systems.

TOTAL : 47 PERIODS

Textbooks

1. Joshua Earnest, Tore Wizeliu, 'Wind Power Plants and Project Development', PHI Learning Pvt.Ltd, New Delhi, 2011.
2. D.P.Kothari, K.C Singal, Rakesh Ranjan "Renewable Energy Sources and Emerging Technologies", PHI Learning Pvt.Ltd, New Delhi, 2013.
3. Scott Grinnell, "Renewable Energy & Sustainable Design", CENGAGE Learning, USA, 2016.

Reference Books:

1. Rai G.D. , "Non-Conventional Energy Sources", Khanna Publishers, 2011
2. A.K.Mukerjee and Nivedita Thakur," Photovoltaic Systems: Analysis and Design", PHI Learning Private Limited, New Delhi, 2011
3. Richard A. Dunlap," Sustainable Energy" Cengage Learning India Private Limited, Delhi, 2015.
4. Chetan Singh Solanki, " Solar Photovoltaics : Fundamentals, Technologies and Applications", PHI Learning Private Limited, New Delhi, 2011
5. Bradley A. Striebig,Adebayo A.Ogundipe and Maria Papadakis," Engineering Applications in Sustainable Design and Development", Cengage Learning India Private Limited, Delhi, 2016.
6. Godfrey Boyle, "Renewable energy", Open University, Oxford University Press in association with the Open University, 2004.

7. Shobh Nath Singh, 'Non-conventional Energy resources' Pearson Education ,2015.
8.C.Ravichandran, "Power Electronics for Renewable energy Systems", Suchitra publications, JAN 2017.

Referred Journals:

[1] J. Bauer, "Single Phase Voltage Source Inverter Photovoltaic Application", ActaPolytechnica Vol. 50 No. 4, 2010.
[2] X. Renzhong, Xi. Lie, Z. Junjun, and D. Jie, "Design and Research on the LCL Filter in Three-Phase PV Grid-Connected Inverters", International Journal of Computer and Electrical Engineering, Vol. 5, No. 3, June 2013.
[3] A. Arjun, B. Vind, N. Kumaresan and D.R.Binu Ben Jose, "A power Electronic Controller for PV-tied Grid-Connected system with single parameter sensing for MPPT using BoostConverter and LineCommutated Inverter", IEEE ICSET, Nepal, 2012.
[4] J. Li, F. Zhuo, X. Wang, L. Wang and S. Ni, " A Grid-Connected PV System with Power Quality Improvement Based on Boost + Dual-Level Four-Leg Inverter ", IEEE IPEMC, 2009.
[5] D. Martin, J. M. Cano, J. Fernando A. Silva and R. Vazquez, "Backstepping Control of Smart Grid-Connected Distributed Photovoltaic Power Supplies for Telecom Equipment", IEEE Transactions on energy conversion, 2015.

Video Links:

1.https://www.youtube.com/watch?v=UW4HYJ36q0Y

2.https://www.youtube.com/watch?v=GRwJqD4StEU

3.https://www.youtube.com/watch?v=Yy5f5RMR8Xc

Online Certification Courses:

1. Solar Energy Engineering Certification by Delft University of Technology (edX)
2. Wind Energy by Technical University of Denmark (DTU) (Coursera)
3. Renewable Energy & Green Building Entrepreneurship by Duke University (Coursera)

PART III

LESSON PLAN

Hr. No.	Syllabus topics	Planned Date	Actual Date	Teaching Methodology and Teaching Aid Used	Book and Page		Reason for Deviation	Remarks and Signature of the HoD with Date
					Book	Page no.		
	UNIT I (RENEWABLE ENERGY (RE) SOURCES)							
1	Environmental consequences of fossil fuel use	12.08.20	12/8/20	PPT	R6	1.4-1.8	—	
2	Importance of renewable sources of energy	14.08.20	14/8/20	PPT	R6	1.4-1.8	—	
3	Sustainable Design and development	17.08.20	17/8/20	PPT	R6	1.16-1.28	—	
4	Types of RE sources	18.08.20	18/8/20	PPT	R6	1.30-1.52	—	
5	Types of RE sources	19.08.20	19/8/20	PPT	R6	1.54-1.67	—	
6	Types of RE sources	21.08.20	21/8/20	PPT	R6	1.68-1.81	—	
7	Limitations of RE sources	22.08.20	22/8/20	PPT	R6	1.81-1.91	—	
8	Present Indian and international energy scenario of conventional and RE sources	24.08.20	24/8/20	PPT	R6	1.93-1.101	—	C. Rath 26/08/2020
9	Present Indian and international energy scenario of conventional and RE sources	25.08.20	25/8/20	PPT	R6	1.103-1.106	—	
	UNIT II (WIND ENERGY)							
10	Power in the Wind	26.08.20	26/8/20	PPT	T8	4.1-4.3	—	
11	Types of Wind Power Plants(WPPs)	28.08.20	29/8/20	PPT	T8	4.3-4.6	Due to class Alteration	
12	Types of Wind Power Plants(WPPs)	29.08.20	31/8/20	PPT	T8	4.3-4.6	"	
13	Components of WPPs	31.08.20	1/9/20	PPT	T8	4.7	"	
14	Components of WPPs	01.09.20	2/9/20	PPT	T8	4.7	"	
15	Working of WPPs	02.09.20	4/9/20	PPT	T8	4.8-4.14	"	
16	Siting of WPPs	04.09.20	5/9/20	PPT	T8	Material Given	"	
17	Siting of WPPs	05.09.20	7/9/20	PPT	T8	4.35-4.45	"	
18	Grid integration issues of WPPs	07.09.20	8/9/20	PPT	T8	4.35-4.45	"	

	Grid integration issues of WPPs	08.09.20	9/9/20	PPT	T8	4.35-4.45	"	C. Reddy 15/09/2020
20	**Power converter topologies for wind turbines**	09.09.20	14/9/20	PPT		Notes	Due to Internal-I Exam	
	UNIT III (SOLAR PV AND THERMAL SYSTEMS)							
21	Solar Radiation	11.09.20	15/9/20	PPT	T1	69-71	"	
22	Radiation Measurement	12.09.20	16/9/20	PPT	T1	60-64	"	
23	Solar Thermal Power Plant, Central Receiver Power Plants	14.09.20	18/9/20	PPT	T1	76-111	"	
24	Solar Ponds.- Thermal Energy storage system with PCM	15.09.20	19/9/20	PPT	T1	138-144	"	
25	Solar Photovoltaic systems : Basic Principle of SPV conversion	16.09.20	21/9/20	PPT	T1	178-193	"	
26	Types of PV Systems-Types of Solar Cells, Photovoltaic cell concepts: Cell, module, array	18.09.20	22/9/20	PPT	T1	178-193	"	
27	PV Module I-V Characteristics	19.09.20	23/9/20	PPT	T1	178-193	"	
28	Efficiency & Quality of the Cell, series and parallel connections	21.09.20	25/9/20	PPT	T1	178-193	"	C. Reddy 28/09/2020
29	Maximum power point tracking, Applications.	22.09.20	26/9/20	PPT	T8	5.30-5.34	"	
30	**Role of Power Converters in Distributed Solar Power Generation**	23.09.20	28/9/20	PPT		Material Given	"	
	UNIT IV (BIOMASS ENERGY)							
31	Introduction-Bio mass resources	25.09.20	29/9/20	PPT	T1	319-327	"	
32	Energy from Bio mass: conversion processes	26.09.20	30/9/20	PPT	T1	319-327	"	
33	Biomass Cogeneration	28.09.20	5/10/20	PPT	T1	342-353	Due to Internal-II Exam	
34	Environmental Benefits	29.09.20	6/10/20	PPT	T1	380-381	"	
35	Geothermal Energy: Basics, Direct Use, Geothermal Electricity	30.09.20	7/10/20	PPT	T1	443-445	"	

	...ini/micro hydro ...ower: Classification of ...ydropower schemes	03.10.20	9/10/20	PPT	T1	541-558	"	
	Classification of water turbine	05.10.20	10/10/20	PPT	T1	541-558	"	
	Turbine theory	06.10.20	12/10/20	PPT	T1	541-558	"	C. Reuth 13/10/2020
39	Essential components of hydroelectric system.	07.10.20	13/10/20	PPT	T1	541-558	"	
	UNIT V (OTHER ENERGY SOURCES)							
40	Tidal Energy: Energy from the tides	09.10.20	14/10/20	PPT	T1	510-537	"	
41	Barrage and Non Barrage Tidal power systems	10.10.20	16/10/20	PPT	T1	510-537	"	
42	Wave Energy: Energy from waves	12.10.20	20/10/20	PPT	T1	510-537	Due to Internal-III Exam	
43	wave power devices	13.10.20	21/10/20	PPT	T1	510-537	"	
44	Ocean Thermal Energy Conversion (OTEC)	14.10.20	23/10/20	PPT	T1	497-510	"	
45	Hydrogen Production and Storage	16.10.20	24/10/20	PPT	T8	5.1-5.17	"	
46	Fuel cell : Principle of working- various types - construction and applications	17.10.20	26/10/20	PPT	T8	1.81-1.91	"	C. Reuth 30/10/2020
47	Fuel cell : Principle of working- various types - construction and applications	19.10.20	27/10/20	PPT	T8	1.81-1.91	"	
48	Energy Storage System	20.10.20	28/10/20	PPT		Material Given	"	
49	Hybrid Energy Systems	21.10.20	30/10/20	PPT	T8	5.37-5.48	"	

NO. OF HOURS ALLOTED IN SYLLABUS : 45
NO. OF HOURS REQUIRED AS PER PLAN: 45+4=49

27/8/20
Course Instructor

C. Reuth 28/08/2020
Head of the Department

AAA COLLEGE OF ENGINEERING AND TECHNOLOGY

DEPARTMENT OF EL ECTRICAL AND ELECTRONICS ENGINEERING

EE6504-ELECTRICAL MACHINES II

QUESTION BANK
&
Formulae Sheet

YEAR – III **SEMESTER –V**

Prepared By:
C.Karuppasamy AP/EEE

UNIT-I

ALTERNATOR

1. Why a 3-phase synchronous motor will always run at synchronous speed?

Because of the magnetic coupling between the stator poles and rotor poles the motor runs exactly at synchronous speed.

2. What are the two classification synchronous machines?

The classification synchronous machines are:

i. Cylindrical rotor type
ii. Salient pole rotor type

3. What are the essential features of synchronous machine?

i. The rotor speed is synchronous with stator rotating field.
ii. Varying its field current can easily vary the speed.
iii. It is used for constant speed operation.

4. Mention the methods of starting of 3-phase synchronous motor.

a. A D.C motor coupled to the synchronous motor shaft.
b. A small induction motor coupled to its shaft. (Pony method)
c. Using damper windings started as a squirrel cage induction motor.

5. What are the principal advantages of rotating field system type of construction of synchronous machines?

Form Stationary connection between external circuit and system of conditions enable the machine to handle large amount of volt-ampere as high as 500 MVA.

The relatively small amount of power required for field system can be easily supplied to the rotating field system via slip rings and brushes.

More space is available in the stator part of the machine for providing more insulation to the system of conductors.

Insulation to stationary system of conductors is not subjected to mechanical stresses due to centrifugal action.

6, Write down the equation for frequency of emf induced in an alternator.

$f = PN / 120$ Hertz

Where P = Number of poles

N = Speed in rpm.

7. What are the advantages of salient pole type of construction used for synchronous machines?

- They allow better ventilation.

- The pole faces are so shaped radial air gap length increases from the pole center to the pole tips so that flux distribution in the air gap is sinusoidal in shape which will help to generate sinusoidal emf.
- Due the variable reluctance, the machine develops additional reluctance power, which is independent of excitation.

8. Why do cylindrical rotor alternators operate with steam turbines?

Steam turbines are found to operate at fairly good efficiency only at high speeds. The high-speed operation of rotor tends to increase mechanical losses, so the rotors should have smooth external surface. Hence smooth cylindrical type rotors with less diameter and large axial length are used for synchronous generators driven by steam turbines with either 2 or 4 poles.

9. Which type of synchronous generators are used in Hydroelectric plants and why?

As the speed of operation is low, for hydro turbines used in hydroelectric plants, salient pole type synchronous generators are used. These allow better ventilation and also have other advantages over smooth cylindrical type rotor.

10. What is the relation between electrical degree and mechanical degree?

Electrical degree θ_e and mechanical degree are related to one another by the number of poles P, the electrical machine has, as given by the following equation.

$$\theta_e = (P/2)\,\theta_m$$

11. What is the meaning of electrical degree?

Electrical degree is used to account the angle between two points in rotating electrical machines. Since all electrical machines operate with the help of magnetic fields, the electrical degree is accounted with reference to the polarity of magnetic fields. 180 electrical degrees is accounted as the angle between adjacent North and South poles

12. Why short-pitch winding is preferred over full pitch winding?

Advantages: -

Waveform of the emf can be approximately made to a sine wave and distorting harmonics can be reduced or totally eliminated.

Conductor material, copper is saved in the back and front-end connections due to less coil span.

Fractional slot winding with fractional number of slots/phase can be used which in turn reduces the tooth ripples.

Mechanical strength of the coil is increased.

13. Write down the formula for distribution factor.

$$K_d = \frac{\sin(m\beta/2)}{m\sin(\beta/2)}$$

βββ

m- number of slots/pole/phase

B - angle between adjacent slots in electrical degree

n- order of harmonics.

14. Define winding factor.

The winding factor K_w is defined as the ratio of phasor addition of emf induced in all the coils belonging to each phase winding of their arithmetic addition.

15.Why are alternators rated in kVA and not in kW?

The continuous power rating of any machine is generally defined as the power the machine or apparatus can deliver for a continuous period so that the losses incurred in the machine gives rise to a steady temperature rise not exceeding the limit prescribed by the insulation class.

Apart from the constant loss the variable loss incurred in alternators is the copper loss, occurring in the 3-phase winding, which depends on I^2R, the square of the current delivered by the generator. is directly related to apparent power delivered by the generator,Thus the alternators have only their apparent power in VA/kVA/MVA as their power rating.

16. **What are the causes of changes in voltage of alternators when loaded?**

- Voltage variation due to the resistance of the winding R.
- Voltage variation due to the leakage reactance of the winding X_1.
- Voltage variation due to the armature reaction.

16. What is meant by armature reaction in alternators?

The interaction between flux set up by the current carrying armature conductors and the main field flux is defined as the armature reaction.

18. What do you mean by synchronous reactance?

It is the sum of the leakage reactance X_1 and armature reactance X_a

$$X_s = X_1 + X_a$$

19. What is effective resistant [R_{eff}]?

The apparent increase in resistance of the conductor when an alternating current is flowing through it is known as effective resistance.

20. What is meant by load angle of an alternator?

The phase angle introduced between the induced emf phasor E and terminal voltage phasor V during the load condition of an alternator is called load angle. The load angle increases with increase in load. It is positive during generator operation and negative during motor operation.

21. What is the necessity for predetermination of voltage regulation?

Most of the alternators are manufactured with large power rating and large voltage ratings. Conduction load test is not possible for such alternators. Hence other indirect methods of

testing are used and the performance can be predetermined at any desired load currents and power factors.

22. Why is the synchronous impedance method of estimating voltage regulation is considered as pessimistic method?

Compared to other methods, the value of voltage regulation obtained by this method is always higher than the actual value and therefore is called pessimistic method.

23.Why is the MMF method of estimating the voltage regulation is considered as the optimization method?

Compared to EMF method, MMF method involves more number of complex calculation steps. Further the OCC is referred twice and SCC is referred once while predetermining the voltage regulation for each load condition. Reference of OCC takes core saturation effect. As this method requires more effort, the final result is very close to the actual value. Hence this method is called the optimistic method.

16 MARK QUESTION

1. Describe with neat sketches the constructional details of a salient pole type alternator.
2. Draw a neat sketch showing the various parts of a synchronous machine. State the type of synchronous generator used in nuclear power stations.
3. Discuss briefly the load charactertics of alternator for different power factor.
4. Explain any one method of predetermining the regulation of an alternator.
5. Explain why the potier reactance is slightly higher than leakages reactance.
6. Explain dark lamp method of synchronizing an alternator with the bus bar.
7. Explain Blondel s two-reaction theory,
8. Explain how will you determine the d and q axes reactance of a synchronous machine in your laboratory.
9. Derive an expression for synchronizing power.
10. For a salient pole synchronous machine, derive an expression for power developed as a function of load angle.
11. Explain the operating principle of three-phase alternator.

UNIT-II

SYNCHRONOUS MOTOR

1. What does hunting of synchronous motor mean?

When the load applied to the synchronous motor is suddenly increased or decreased, the rotor oscillates about its synchronous position with respect to the stator field. This action is called hunting.

2. What could be the reasons if a 3-phase synchronous motor fails to start?

It is usually due to the following reasons

a. Voltage may be too low.

b. Too much starting load.

c. Open circuit in one phase or short circuit.

d. Field excitation may be excessive

3. What is synchronous condenser?

An over-excited synchronous motor under no load ,used for the improvement of power factor is called as synchronous condenser because, like a capacitor it takes a leading current.

4. Write the applications of synchronous motor.

a. Used for power factor improvement in sub-stations and in industries.

b. Used in industries for power applications.

c. Used for constant speed drives such as motor-generator set, pumps and compressors.

5. What is an inverted 'V' curve?

For a constant load, if the power factor is plotted against various values of field exciting current, the curve formed is inverted V Shape and called as inverted 'V' curve.

6. A synchronous motor starts as usual but fails to develop its full torque. What could it be due to?

a. Exciter voltage may be too low.

b. Field spool may be reversed.

7. What are the two types of 3-phase induction motor?

a. Squirrel cage induction motor.
b. Slip ring induction motor.

8. Write the two extra features of slip ring induction motors.

a. Rotor is having 3-phase winding.
b. Extra resistance can be added in the rotor circuit by connecting through the help of three slip rings for improving the power factor, increasing Starting Torque, limiting the starting current.

9. Can we add extra resistance in series with squirrel cage rotor? State the reason?

We cannot add extra resistance in series with the rotor because all the copper bars of the rotor are short circuited in both the sides by copper end rings to have a closed circuit.

10. Why an induction motor is called rotating transformer?

The rotor receives electrical power in exactly the same way as the secondary of a two winding transformer receiving its power from primary. That is why an induction motor can be called as a rotating transformer i.e., in which primary winding is stationary but the secondary is free to rotate.

11. Why an induction motor will never run at its synchronous speed?

If it runs at synchronous speed then there would be no related speed between the two, hence no rotor emf, no rotor current so no rotor torques to maintain rotation. That is why the rotor runs at its synchronous speed.

12. Define SCR?

Short circuit ratio (SCR) is defined as the ratio of field current required to produce rated voltage on open-circuit to field current required to produce rated armature current with the terminals shorted, while the machine runs at synchronous speed.

13. Why is open circuit charactertics called magnetic charactertic?

The OCC is called magnetic charactertic because it gives the variation of space component of flux in air gap and mmf / pole of magnetic circuit.

14. What are the losses determined from SCC?

i. Copper loss
ii. Mechanical loss

15. What are stray load losses?

Stray load loss is the sum of load core loss and loss due to the additional conductor resistance offered to the ac.

16. What is synchronizing?

The operation of connecting an alternator in parallel with another alternator or with common bus bars is known as synchronizing.

17. What is a synchroscope?

Synchroscope is an instrument, which shows the phase relationship of emf of the incoming alternator. It also indicates whether the incoming alternator is running slow or fast.

18. What is direct axis?

The mmf wave is height when it is aligned with the field pole axis called the direct axis or d axis.

19. What is quadrature axis?

The permeance offered to a mmf wave is lower when it is oriented 90^{o}

To the field pole axis called the quadrature axis or q axis.

20. What are the two curves required for POTIER method?

i. No load curve.
ii. Full load zero power factor curve called wattless load charactertic.

21. What are the three methods of determining voltage regulation?

i. Synchronous impedance method or EMF method.
ii. The ampere-turn or MMF method.
iii. Zero power factor or potier method.

22. When does a synchronous motor get over excited?

If the field excitation of the motor is increased, the field flux will become strong and E_b will increase. As a result E_b will exceed V and the motor will be called an over excited motor.

23. Define pullout torque.

The pullout torque is the torque, beyond which the synchronous link between field poles and resultant flux wave is severed and the machine falls out-of-slip.

24. What is the main advantage of POTIER method?

The voltage regulation calculated by potier s method is quite accurate.

25. What is meant by the subtransient period?

The initial period of decay of the short circuit current is called the subtransient, in which the current decay is governed mainly by the damper winding constant.

26. What is fractional pitch winding?

When a winding is made with coil span less than full pitch, the winding is called as fractional pitch winding.

16 MARK QUESTION

1. Explain why a synchronous motor does not have starting torque.
2. Explain one method of starting a synchronous motor.
3. Why does the power factor of industrial installation tend to be low? How can it be improved?
4. Does the change in excitation affect the p.f of the synchronous motor?
5. An over excited synchronous motor is called a synchronous condenser. Explain.
6. Explain what happens when the load on a synchronous motor is changed.
7. What is meant by constant power circle for synchronous motor?
8. What is meant by hunting in a synchronous motor? Why is it undesirable? What is done to minimize it?
9. Explain V-curves and inverted V-curves.
10. Draw the power angle diagram of a synchronous machine.
11. Explain briefly the principle of operation of three-phase synchronous motor.
12. Describe the effect of varying the excitation on the armature current and power factor of a synchronous motor when input power to the motor is maintained constant.

UNIT-III

THREE PHASE INDUCTION MOTOR

1. What are types of 3- phase induction motor?

i. Squirrel cage induction motor
ii. Slip ring induction motor

2. Why the rotor slots of a 3-phase induction motor are skewed? The rotor slots of a three -phase induction motor are skewed

i. to make the motor run quietly by reducing the magnetic hum
ii. to reduce the locking tendency of the rotor

3. Why the induction motor is called asynchronous motor?

Since the induction motor runs always at a speed lesser than synchronous speed, it is called asynchronous motor.

4. What are slip rings?

The slip rings are made of copper alloys and are fixed around the shaft insulating it. Through these slip rings and brushes the rotor winding can be connected to external circuits.

5. State the difference between slip ring rotor and cage rotor of an induction motor

Slip ring rotor has 3-phase windings. Three ends of which are stared and the other three ends are brought up and connected to 3 slip rings mounted in the shaft. Extra resistance can be added in the rotor circuit. Squirrel cage rotor has short-circuited copper bars. Extra resistance can t be added as slip ring rotor.

6. Write an expression for the slip of an induction motor.

Percentage slip = $(N_s - N_r) / N_s * 100$.

7. What is cogging of an induction motor?

When the number of stator and rotor teeth s is equal or integral multiple of rotor teeth ,they have a tendency to align themselves exactly to minimum reluctance position. Thus the rotor may refuse to accelerate. This phenomenon is known as cogging.

8.Explain why the no load current of an induction motor is much higher than that of an equivalent transformer.

In induction motor, due to the presence of the air gap, the magnetizing current that is required to set up the flux is much higher. The working component of the current has to meet the hysteresis loss, eddy current loss, friction and windage losses. Hence the no load current of induction motor is higher.

9. State the effect of rotor resistance on starting torque.

Starting torque increases with increase in value of rotor resistance.

10. What are the advantages of cage motor?

Since the rotor has very low resistance, the copper loss is low and efficiency is high
On the account of simple construction of rotor, it is mechanically robust.
Initial cost is less.
Maintenance cost is less.
Simple stating arrangement

11.Give the conditions for maximum torque for 3-phase induction motor.

The rotor resistance and rotor reactance should be equal for developing maximum torque

i.e. $R_2 = s X_2$ where s is the slip under running conditions.

$R_2 = X2$ under starting conditions

12.**What is reason for inserting additional resistance in rotor circuit of a slip ring induction motor?**

Introduction of additional resistance in the rotor circuit will increase the starting torque as well as running torque. Also it limits the starting current, improves the power factor.

13. List out the methods of speed control of cage type 3-phase induction motor?

a) By changing supply frequency

b) By changing the number of poles

c) By operating two motors in cascade

14. Mention different types of speed control of slip ring induction motor?

a) By changing supply frequency
b) By changing the number of stator poles
c) By rotor rheostat control
d) By operating two motors in cascade

15. What are the advantages of 3-phase induction motor?

a) It was very simple and extremely rugged, almost unbreakable construction
b) Its cost is very low and it is very reliable
c) It has been suffiently high efficiency .No brushes are needed and hence frictional losses are reduced
d) It requires minimum of maintenance.

16. **What does crawling of induction motor mean?**

Squirrel cage type, sometimes exhibit a tendency to run stably at speeds as low as 1/7 the of their synchronous speed, because of the harmonics this phenomenon is known as crawling

17. State the application of an induction generator?

a) Used in windmill for generating electric power.
b) Used in regenerative breaking places like traction.

18. Name the two windings of a single-phase induction motor.

I. Running winding
ii. Starting
winding.

19. What are the various methods available for making a single-phase motor self-starting?

i. By splitting the single phase into 2 phases
ii. By providing shading coil in the poles.

20. What is the function of capacitor in a single-phase induction motor?

I. To make more phase difference between the starting and running winding. ii. To improve the power factor and to get more torque.

21. Give the names of three different types of single-phase motor.

i. Split phase motor
ii. Shaded pole motor.
iii.Single phase series motor.
iv. Repulsion motor.

22. What is the use of shading ring in a pole motor?

The shading coil causes the flux in the shaded portion to lag behind the flux in unshaded portion of pole. This gives in effect a rotation of flux across the pole face and under the influence of this moving flux a stating torque is developed..

23.**State any four applications of multi phase motor.**

Fans, Wet grinders, Vacuum cleaners, small pumps, compressors,drills

24.Why is the efficiency of a 3-phase induction motor less than of a transformer?

In induction motor, there is a mechanical loss due to the rotation of the rotor. Hence the efficiency of an induction motor is less than that of the transformer.

16 Mark Questions:

1. Develop the equivalent circuit for 3-phase induction motor?
2. Explain the different speed control methods of squirrel cage induction motor.
3. Describe the principle of operation of synchronous induction motor.
4. Explain any one method of speed control of three- phase induction motor
5. Draw the slip-torque charactertics for a three-phase induction motor and explain.
6. Explain how a rotating magnetic field is produced in a three-phase induction motor.
7. Draw and explain the equivalent circuit of a three-phase induction motor. Apr: 2000
8. Describe with a neat diagram, the principle of operation of induction generator Oct: 2000
9. Draw and explain the torque/slip curves of a three-phase induction motor for different values of rotor resistance. Oct: 2000
10. Starting from the first principles, develop the equivalent circuit of a 3- phase induction motor.
11. Explain the procedure of drawing the circle diagram of an induction motor. How is the performance character tics obtained from it? Apr: 2001

12. Explain the operation of induction generator. Oct: 2001

UNIT-IV

STARTING AND SPEED CONTROL OF THREE PHASE INDUCTION MOTOR

1.What are the types of starters?

Stator rheostat, Autotransformer Star to Delta starter and rotor resistance starter.

2. List out the methods of speed control of cage type 3-phase induction motor?

a) By changing supply frequency
b) By changing the number of poles
c) By operating two motors in cascade

3.Mention different types of speed control of slip ring induction motor?

- By changing supply frequency
- By changing the number of stator poles
- By rotor rheostat control
- By operating two motors in cascade

4.State the advantages of capacitor start run motor over capacitor start motor.

Running torque is more; Power factor during running is more.

5.What is Universal motor?

A Universal motor is defined as a motor, which may be operated either on direct current or single-phase ac supply.

6.State some application of universal motor.

Used for sewing machines, table fans, Vaccum cleaners, hair driers, blowers etc

7.Explain why single-phase induction motor is not self-starting one.

When the motor is fed from a single phase supply its stator winding produces an alternating or pulsating flux, which develops no torque which is explained in Double revolving field theory.

8.What type of motor is used for ceiling fan?

Capacitor start and capacitor run single-phase motor is used for ceiling fans.

9.What is the type of induction motor used in wet grinders?

Capacitor start capacitor run single-phase induction motor.

10.What kind of motor is used in mixie?

Single-phase ac series motor is used in mixie.

11.What is the application of shaded pole induction motor?

Because of its small starting torque, it is generally used for small fans, toys, instruments, hair driers, ventilators, electric clock etc.

12. In which direction does a shaded pole motor run?

The rotor starts rotation in the direction from unshaded part to the shaded part.

13.why single-phase induction motor has low power factor?

The current through the running winding lags behind the supply voltage by a very large angle. Therefore power factor is very low.

14. Differentiate between "capacitor start "and "capacitor start capacitor run "induction motor.

In capacitor start motor, capacitor is connected in series with the starting winding. But it will be disconnected fro m the supply, when the motor picks up its speed. But in capacitor start capacitor run motor the above starting winding and capacitor are not disconnected, but always connected in the supply .so it has high starting and running torque.

15. State the application of an induction generator?

%2 Used in windmill for generating electric power.

%2 Used in regenerative breaking places like traction.

16.What do you mean by residual EMF in a generator.

The EMF induced in the armature conductor only due to the residual flux in the field poles is known as residual EMF.

17.State the effect of rotor resistance on starting torque?

Starting torque increases with increase in value of rotor resistance.

18.How can varying supply frequency control speed?

We know that

$$Ns = \frac{120f}{P}$$

From the equation it is clear that by varying frequency speed can be varied it is very rarely.

19.How is speed control achieved by changing the number of stator poles?

Here change in stator poles is achieved by having two or more independent stator windings in the same slot. Each winding gives different number of poles and different speeds. At a time only one winding is used and other is closed.

20.What are the disadvandages of rotor resistnce control?

The speed can be decreased by increasing the rotor resistance, but increases I^2R loss and hence decreases efficiency.

Speed depends on load also and so used for small periods only.

21.What are the methods of speed control preferred for large motors?

Kramer system
Scherbius system

22.What is an induction regulator?

An induction regulator is used to obtain the constant voltage at the feeder end. Varying the range between the magnetic axes of the primary and secondary windings controls the voltage; it may be a single phase. Rotor is moved usually by a maximum of 180 degree.

23.Define-Slip frequency.

The relation motion of the stator flux and the rotor conductors induces the voltage of frequency S_f called slip frequency.

24.Define- Asynchronous torque.

When stator and rotor fields are stationary with respect to each other, a steady torque is produced and rotation is maintained. Such a torque existing at any mechanical speed other than synchronous speed is called as an asynchronous torque.

25.What is the main use of squirrel cage winding in synchronous motor starting?

When a squirrel cage winding called the amortissuer or damper winding is inserted in the rotor pole faces, the rotor comes up to the synchronous speed by induction motor action with the field winding unexcited.

26.What is breakdown torque?

From the torque verses slip charactertics, we can infer that as the torque increases, slip increases upto a maximum torque developed is called a breakdown torque.

27.What is the function of rotary converter? Where it is used?

Rotary converter converts low slip ac power. It is used in Kramer system, which is for the speed control of three-phase induction motor.

28.What are the advantages of Kramer system of speed control?

Any speed with in the working range can be obtained

When rotary converter is overexcited, it will take leading current, compensates with the lagging current drawn by the motor, thus improving power factor.

29.Write the expression for concatenated speed of the set.

Cumulative mode (Nsc) = $\frac{120f}{Pa + Pb}$

Differential mode (Nsc) = $\frac{120f}{Pa \quad Pb}$

Pa no of poles of motor A

Pb no of poles of motor B

16 Mark Questions:

1. With neat diagrams explains the working of any two types of starters used for squirrel cage type 3 phase induction motor.
2. Discuss the various starting methods of induction motors.
3. Explain the different speed control methods of phase wound induction motor
5. Explain the different speed control methods of phase wound induction motor
6. Discuss the theory of star delta starter
7. Explain the cascade operation of induction motors to obtain variable speed
8. Explain the various techniques of sped control of induction motor from rotor side control.
9. Explain the various schemes of starting squirrel cage induction motor

Unit –V

SINGLE PHASE INDUCTION MOTORS AND SPECIAL MACHINES

1. Name the two winding of single phase induction motor?

Running and starting winding.

2. What are methods available for making single phase induction motor a self starting? By slitting the single phase, by providing shading coil in the poles.

3. What is the function of capacitor in single phase induction motor?

To make phase difference between starting and running winding, to improve PF and to get more torque.

4. State any 4 use of single phase induction motor.

Fans, wet grinders, vacuum cleaner, small pumps, compressors, drills. Explain

5. Why single phase induction motor is not a self starting one?

When motor fed supply from single phase, its stator winding produces an alternating flux, which doesn t develops any torque.

6. What kind of motors used in ceiling fan and wet grinders?

Ceiling fan - Capacitor start and capacitor run single phase induction motor, wet grinders - Capacitor start capacitor run single phase induction motor.

7. What is the application of shaded pole induction motor?

Because of its small starting torque, it is generally used for small toys, instruments, hair driers, ventilators.etc.

8. In which direction a shaded pole motor runs?

The rotor starts rotation in the direction from unshaded part to the shaded part.

9. Why single phase induction motor have low PF?

The current through the running winding lags behind the supply voltage by large angle so only single phase induction motor have low PF.

10. Differentiate between "capacitor start" & "Capacitor start capacitor run" single phase induction motor.

Capacitor start capacitor is connected series with starting winding, but it will be disconnected from supply when motor pick up its speed. Capacitor start capacitor run# starting winding and capacitor will not be disconnected from supply even though motor pickup its speed.

11. What are the principal advantages of rotating field type construction?

Relatively small amount of power required for field system can easily supplied to rotating system using slip rings and brushes, more space is available in the stator part of the machine to provide more insulation, it is easy to provide cooling system, stationary system of conductors can easily be braced to prevent deformation.

12. Why an induction motor never runs at its synchronous speed?

If it runs at sy.speed then there would be no relative speed between the two, hence no rotor emf, so no rotor current, then no rotor torque to maintain rotation.

13. What are the advantages of cage motor?

Since the rotor has low resistance, the copper loss is low and efficiency is very high. On account of simple construction of rotor it is mechanically robust, initial cost is less; maintenance cost is less, simple starting arrangement.

14. Why an induction motor is called as rotating transformer?

The rotor receives same electrical power in exactly the same way as the secondary of a two winding transformer receiving its power from primary. That is why induction motor is called as rotating transformer.

15. What is the use of shading coil in the shaded pole motor?

In shaded pole motors the necessary phase splitting is produced by induction. These motors have salient poles on stator and a squirrel cage type rotor. The poles are shaded ie each pole carries a copper band one of its unequally divided part is called shading band. When single phase ac supply is given to the stator winding due to shading provided to the poles a rotating magnetic field is generated.

16. Why capacitor –start induction motors advantageous?

In capacitor start induction motors capacitor is connected in series with the auxiliary winding. When speed of the motor approaches to 75 to80%of the synchronous speed the starting winding gets disconnected due to the operation of the centrifugal switch. The capacitor remains in the circuit only at start. The starting torque is proportional to phase angle and hence such motors produce very high starting torque.

17. List out 4 applications of shaded pole induction motor.

Shaded pole motors have very low starting torque, low power factor and low efficiency. The motors are commonly used for small fans, toy motors, advertising displays, film projectors, record players, gramophones, hair dryers , photocopying machines etc

18. What are the drawbacks of the presence of the backward rotating field in a single phase induction motor.

Due to cutting of flux, emf gets induced in the rotor which circulates rotor current .the rotor current produces rotor flux. This flux interacts with forward component f to produce a torque in one particular direction say anticlockwise direction. While rotor flux interacts with backward component

b to produce a torque in the clockwise direction. So if anti clock wise torque is positive then clockwise torque is negative thus net torque experienced by the rotor is zero at start.

19. Why is hysteresis motor free from mechanical and magnetic vibrations?

The stator of hysteresis motor carries main and auxiliary windings to produce rotating magnetic field or of shaded pole type also. The rotor is smooth cylindrical type made up of hard magnetic material. The torque in this motor is constant at all speeds it runs at synchronous speed. There is not relative motion between stator and rotor field so the torque due to eddy current vanishes. Only hysteresis torque is present which keeps rotor running at synchronous speeds .the high retentivity ensures continuous magnetic locking between stator and rotor. Hence it is free from magnetic vibrations

20. What types of motor is used in computer drives and wet grinders?

For computer drives permanent magnet dc motors are used while in wet grinder s universal motor may be used.

21. Give two advantages and two applications of stepper motor.

Advantages:

*These motors are compatible with digital equipments and are flexible in operation.

*The dynamic response is fast

Applications:

Stepper motors are widely used in computer peripherals such as serial printers tape drives, floppy disk drivers. They are also used in control of machine tools. Robotics.

22. List some applications of linear induction motor?

They are used in machine tool industry and in robotics .They are used in trains operated on magnetic levitation , reciprocating compressors can also be driven by linear motors

23. What are the specific characteristic features of the repulsion motor?

Repulsion motors give excellent performance characteristics. A very high starting torque of about 300 to350% of full load can be obtained with starting currents of about 3 to 4 times the full load current. Thus it has got very good operating characteristics. The speed of the motor changes with load .with compensated type of repulsion motor the motor runs with improved power factor as the quadrature drop in the field winding is neutralized. Also the leakage between armature and field is reduced which gives better regulation.

24. Discuss characteristics of single phase series motor.

* To reduce the eddy current losses, yoke and pole core construction is laminated

*The power factor can be improved by reducing the number of turns. But this reduces the field flux.

But this reduction in flux increases the speed and reducing the torque. To keep the torque same it is necessary to increase the armature turns proportionately. This increases the armature inductance.

25. What are the demerits of repulsion motor?

*very expensive

*speed changes with load

* on no load speed is very high causing sparking at

brushes.

* low power factor on no load

26. List four applications of reluctance motors.

This motor is used in signaling devices, control apparatus, automatic regulators, recording instruments, clocks and all kinds of timing devices, teleprinters, gramophones

27.**What is a universal motor?**

There are small capacity series motors which can be operated on dc supply or single phase ac supply of same voltage with similar characteristics called universal motors. The construction of this motor is similar to that of ac series motor

16 Mark Questions:

1. Give the classification of single phase motors .Explain any two types of single phase induction motors.
2. Explain the double field revolving theory for operation of single phase induction motor.
3. Explain the operation of shaded pole induction motor with diagram.
4. Develop equivalent circuit of a single phase induction motor ignoring core losses.
5. Explain the working principle of single phase induction motor .Mention its four applications.
6. What is the principle and working of hysteresis motor? Explain briefly.
7. Explain the construction and working of stepper motor.
8. Explain the principle of operation and applications of reluctance motor.
9. Explain the principle of operation and applications of repulsion motor and hysteresis motor.

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Question Paper Code : X 10400

B.E./B.Tech. DEGREE EXAMINATIONS, NOVEMBER/DECEMBER 2020
Fifth Semester
Electrical and Electronics Engineering
EE 8551 – MICROPROCESSORS AND MICROCONTROLLERS
(Common to Electronics and Instrumentation Engineering/Instrumentation and Control Engineering)
(Regulations 2017)

Time : Three Hours Maximum : 100 Marks

Answer ALL questions

PART – A **(10×2=20 Marks)**

1. Calculate the number of memory chips needed to design 8K-byte memory if the memory chip size is 1024 × 1.
2. Why crystal is a preferred clock source ?
3. Define a subroutine.
4. If the program counter is always one count ahead of the memory location from which the machine code is being fetched, how does the microprocessor change the sequence of program execution with a jump instruction ?
5. Show the internal data memory organization of 8051 microcontroller.
6. How does the CPU know where to return to after executing the RET instruction ?
7. Show the control word format for 8255 I/O mode.
8. Compare automatic rotation and specific rotation priority modes of 8259.
9. Examine the following code and analyze the result :
   MOV A, #60H
   MOV R1, #46H
   ADD A, R1
10. If CY =1, A = 95H and B = 4FH prior to the execution of "SUBB A, B", what will be the contents of A after the subtraction ?

PART – B **(5×13=65 Marks)**

11. a) i) List the steps to be performed by the Micro Processing Unit (MPU) during the communication process with peripheral devices. Also, explain the functions of address bus, data bus and control bus in the communication process between the MPU and peripheral devices. **(9)**

ii) Show how the MPU read an instruction from a memory location. **(4)**

(OR)

b) Show the internal architecture of the 8085 microprocessor with neat functional block diagram and explain the functions of each internal unit in decoding and executing an instruction.

12. a) Write an assembly language program to calculate the sum of series of even numbers from the given list of numbers. The length of the list is in memory location 2200H and the series begins from memory location 2201H. Result will store at memory location 2210H.

Sample Input :

2200H = 4H
2201H = 20H
2202H = 15H
2203H = 13H
2204H = 22H

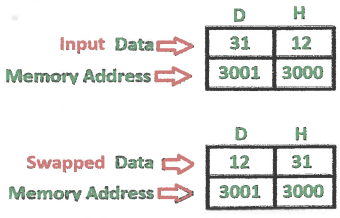
Sample Output :

Result 2210H = 46H

(OR)

b) i) Write an assembly language program to swap two 8-bit numbers using direct addressing mode where the first 8-bit number is stored at 3000H and the second 8-bit number is stored at 3001H memory address. **(7)**

Example :



ii) Explain the operation of instructions related to rotation of accumulator bits with example. Also state any two applications of rotate instruction. **(6)**

13. a) Describe the various operating modes of the timers / counters and associated control registers of 8051 microcontroller.

(OR)

b) i) Distinguish between microprocessor and microcontroller. **(3)**

ii) List the categories under which the instructions in the instruction set of the 8051 microcontroller are grouped. Explain the operation of any two instructions in each group. **(10)**

14. a) Sketch the block diagram of the 8279 Keyboard Display Interface and explain the functions of Keyboard and Display section.

(OR)

b) Sketch the block diagram of the 8254 Programmable Interval Timer and explain the functions of each internal block. Also, list the operating modes of the 8254 timer.

15. a) i) Describe the basic operation of stepper motor and discuss how to interface a stepper motor to the 8051. **(9)**

ii) Code a program using 8051 instructions to rotate a stepper motor continuously in clockwise direction. **(4)**

(OR)

b) i) Show how to interface Liquid Crystal Display (LCD) to 8051 microcontroller. **(4)**

ii) Write a program using 8051 instructions to send commands and data to LCDs with a time delay. **(9)**

PART – C **(1×15=15 Marks)**

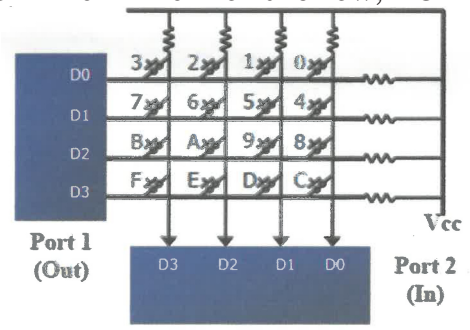
16. a) Show a schematic of interfacing a typical 8 bit A/D converter with the 8085 using status check. Also illustrate how to interface an 8-bit A/D converter (ADC0801) with the 8085 MPU using the interrupt RST 6.5 and show the timing diagram for reading data from A/D Converter.

(OR)

b) From figure below, identify the row and column of the pressed key for each of the following.

a) D3 – D0 = 1110 for the row, D3 – D0 = 1011 for the column

b) D3 – D0 = 1101 for the row, D3 – D0 = 0111 for the column



Discuss in detail the major stages involved in the detection and identification of key activation along with a flowchart.

———————

RECORD OF CLASS WORK

SL. No.	DATE	PERIOD	TOPICS COVERED	INITIALS
			CLASSES ON BEYOND SYLLABUS	
1.	18/9/20	3	Power Converter Topologies for wind turbines	
2.	28/9/20	1	Role of Power Converters in Distributed Solar Power generation.	
			COACHING CLASSES	
1.	16/10/20	1, 2	Coaching for IAT-III	
2.	6/11/20	1, 2	Coaching for IAT-IV	
3.	25/11/20	1, 2	Coaching for IAT-V	
4.	2/12/20	3	Unit - I Coaching	
5.	3/12/20	5	Unit - II Revision	
6.	5/11/20	1	Unit - III Revision	
7.	6/11/20	2	Unit - IV Revision	
8.	7/11/20	4	Unit - V Revision	

Name of the Faculty : C.KARUPPASAMY

Designation & Department : Asst. Prof & EEE

Course Code : EE8703

Course Title : RENEWABLE ENERGY SYSTEMS

Semester & Branch with Section : VII & EEE

Academic Year : 2020 - 2021

Date of Commencement of Class : 12/8/2020

Date of Completion of Class : 24/12/2020

Initials of the Head in - Charge of Faculty with date	After First Report		After Second Report		
	Unit-I	Unit-II	Unit-III	Unit-IV	Unit-V
	C.Karu 25/08/2020	C.Karu 12/09/2020	C.Karu 28/09/2020	C.Karu 13/10/2020	C.Karu 30/10/2020
Initials of Principal / Dean with Date					

To be signed at the end of the Semester

Designation of Faculty	Faculty in-charge	Head in-charge of Faculty	Principal / Dean
Signature with date		C.Karu 24/12/2020	

GM - Google meet,
GCR - Google class Room

RECORD OF CLASS WORK RENEWABLE ENERGY SOURCES UNIT - 1

SL. No.	DATE	PERIOD	TOPICS COVERED	MODE OF CONTENT DELIVERY	TEACHING AIDS USED
1.	12/8/20	1	Environmental Consequence of fossil fuel use	L	PPT, GCR, GM
2.	14/8/20	2	Importance of RES	L	PPT, GCR, GM
3.	17/8/20	3	Sustainable Design & Development	L	PPT, GCR, GM
4.	18/8/20	5	Types of RES: solar, wind	L	PPT, GCR, GM
5.	19/8/20	1	Types of RES: Bio Mass, Geothermal	L	PPT, GCR, GM
6.	21/8/20	2	Types of RES: ocean, fuelcell.	L	PPT, GCR, GM.
7.	22/8/20	4	Limitation of RES	L	PPT, GCR GM
8.	24/8/20	3	Present Indian and international energy scenario of Conventional and RES	L	PPT, GCR GM
9.	25/8/20	5	Present Indian and international energy scenario of Conventional and RES	L	PPT, GCR, GM

25/8/20
Course Instructor

C. Senthil
25/08/2020
HOD / Academic Co-ordinator

RECORD OF CLASS WORK — WIND ENERGY — UNIT - 2

SL. No.	DATE	PERIOD	TOPICS COVERED	MODE OF CONTENT DELIVERY	TEACHING AIDS USED
1.	26/8/20	1	Power in the wind	L	PPT, GCR, GM
2.	29/8/20	2	Types of wind Power Plants	L	PPT, GCR, GM
3.	31/8/20	3	Types of wind Power Plants	L	PPT, GCR, GM
4.	1/9/20	5	Components of wind Power Plant	L	PPT, GCR, GM
5.	2/9/20	1	Components of wind Power Plant	L	PPT, GCR, GM
6.	4/9/20	2	working of wind power plant	L	PPT, GCR, GM
7.	5/9/20	4	Sitting of wind Power Plant	L	PPT, GCR, GM
8.	7/9/20	3	Sitting of wind Power Plant.	L	PPT, GCR, GM
9.	8/9/20	5	Grid integration Issues of WPPs.	L	PPT, GCR, GM
10.	9/9/20	1	Grid integration issues of WPPs.	L	PPT, GCR, GM

Course Instructor

12/09/2020
HOD / Academic Co-ordinator

SOLAR PV & THERMAL SYSTEMS

RECORD OF CLASS WORK

UNIT - 3

SL. No.	DATE	PERIOD	TOPICS COVERED	MODE OF CONTENT DELIVERY	TEACHING AIDS USED
1.	15/9/20	5	Solar Radiation.	L	PPT, GCR, GM
2.	16/9/20	1	Radiation measurement.	L	PPT, GCR, GM
3.	19/9/20	2	Solar ponds - Thermal energy Storage system with PCM	L	PPT, GCR, GM
4.	21/9/20	4	Solar photovoltaic system : Basic principle of PV.	L	PPT, GCR, GM
5.	22/9/20	5	Types of PV systems, solarcell, Module & array.	L	PPT, GCR, GM
6.	22/9/20	1	PV module I-V characteristics	L	PPT, GCR, GM
7.	23/9/20	2	Efficiency & quality of the cell, Series & Parallel Connection	L	PPT, GCR, GM
8.	26/9/20	4	Maximum Power Point Tracking Applications.	L	PPT, GCR, GM
9.	28/9/20	3	Solar thermal Power Plant, Central Receiver Power Plants	L	PPT, GCR, GM

28/9/20

Course Instructor

C. Senthil 28/09/2020

HOD / Academic Co-ordinator

RECORD OF CLASS WORK

BIOMASS ENERGY

UNIT - 4

SL. No.	DATE	PERIOD	TOPICS COVERED	MODE OF CONTENT DELIVERY	TEACHING AIDS USED
1.	29/9/20	5	Introduction - Biomass	L	PPT, GCR, GM
2.	30/9/20	1	Energy from Biomass - Conversion Process	L	PPT, GCR, GM
3.	1/10/20	3	Biomass Cogeneration	L	PPT, GCR, GM
4.	6/10/20	5	Environmental Benifits	L	PPT, GCR, GM
5.	7/10/20	1	Geothermal Energy : Basics, Direct use.	L	PPT, GCR, GM
6.	9/10/20	2	Mini / Micro hydro power plants	L	PPT, GCR, GM
7.	10/10/20	4	Classification of water turbine	L	PPT, GCR, GM
8.	12/10/20	3	Turbine theory.	L	PPT, GCR, GM
9.	13/10/20	5	Essential Components of hydro electric systems.	L	PPT, GCR, GM

13/10/20
Course Instructor

C. Ruth 13/10/2020
HOD / Academic Co-ordinator

RECORD OF CLASS WORK — OTHER ENERGY SOURCES — UNIT - 5

SL. No.	DATE	PERIOD	TOPICS COVERED	MODE OF CONTENT DELIVERY	TEACHING AIDS USED
1.	14/10/20	1	Tidal energy : Energy from Tides	L	PPT, GCR, GM
2.	16/10/20	2	Barrage & Non Barrage Tidal power systems	L	PPT, GCR, GM
3.	20/10/20	5	Wave Energy from waves	L	PPT, GCR, GM
4.	21/10/20	1	Wave power devices	L	PPT, GCR, GM
5.	23/10/20	2	Ocean Thermal Energy Conversion	L	PPT, GCR, GM
6.	24/10/20	4	Hydrogen Production & Storage.	L	PPT, GCR, GM
7.	26/10/20	3	Fuel cell : working principle, Construction, Types, applications	L	PPT, GCR, GM
8.	27/10/20	5	Fuel Cell : Types & Applications	L	PPT, GCR, GM
9.	28/10/20	1	Energy Storage Systems	L	PPT, GCR, GM
10.	30/10/20	2	Hybrid Energy Systems.	L	PPT, GCR, GM

30/10/20

Course Instructor

C. Kavitha 30/10/2020

HOD / Academic Co-ordinator

UNITWISE DEVIATION

Unit	No. of Hrs Planned	No. of Hrs Covered	Deviation If any (Hrs)	Reason For Deviation	Faculty Initial	HOD Initial
I	9	9	—	—	CH-T	C. Kauth 25/08/2020
II	11	11	—	—	CH-T	C. Kauth 12/09/2020
III	9	9	—	—	CH-T	C. Kauth 28/09/2020
IV	9	9	—	—	CH-T	C. Kauth 13/10/2020
V	10	10	—	—	CH-T	C. Kauth 30/10/2020

AAA COLLEGE OF ENGINEERING AND TECHNOLOGY

Kamarajar Educational Road,
Amathur, Sivakasi – 626 005.

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

CIRCULAR

16.03.2021

It is planned to conduct Class Committee Meeting I for III year EEE students on 18.03.2021 at 12:45pm in EEE HOD cabin. The faculty members those who handle the classes for Third year EEE and student representatives of the class are asked to attend without fail.

CLASS COMMITTEE MEETING - I			
Class : III Year EEE	**Date :** 18.03.2020	**Time :** 12:45 pm	**Venue :** EEE HOD Cabin
Members: III Year EEE Class handling faculty Members & Class Committee Members			

S.No.	Agenda
1.	Feedback on courses and course materials
2.	Syllabus coverage
3.	Attendance
4.	Mini Project
5.	Internal Test I
6.	Symposium
7.	Industrial Visit
8.	Participation in co-curricular and extra-curricular activities
9.	Discipline

16.03.2021
Chairperson

C. Senth 16/03/2021
HOD-EEE

Name	Designation	Signature
Dr. C. Senthil Kumar	Professor & Head/EEE	
Mr. S.Saravanan	AP/EEE	16.3.2021
Mrs. B. Sarojini	AP/EEE	
Mrs. L. Krishnaveni	AP/EEE	16/3/2021
Mr. M. S. Kalyana Sundaram	AP/EEE	16/3/21.
Mrs. M. Maheswari	AP/EEE	M.M ahi 16/3/2021

Name	Designation	Signature
Kausigasri N	III Year EEE Students	N. Kausigasri
Ajay Sankar R		
Velprakash M		
Anthony Arul Selvam M		
Venkatesan S		

AAA COLLEGE OF ENGINEERING AND TECHNOLOGY

Kamarajar Educational Road,
Amathur, Sivakasi – 626 005.

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

MINUTES OF MEETING

19.03.2021

CLASS COMMITTEE MEETING – I			
Class : III Year EEE	Date : 18.03.2021	Time : 12:45 pm	Venue : EEE HOD Cabin
Members: III Year EEE Class handling faculty Members & Class Committee Members			

S.No.	Agenda
1.	Feedback on courses and course materials
2.	Syllabus coverage
3.	Attendance
4.	Mini Project
5.	Internal Test I
6.	Symposium
7.	Industrial Visit
8.	Participation in co-curricular and extra-curricular activities
9.	Discipline

Members Present :

S. No.	Members	Name	Designation/Department	Signature
1.	Head of the Department	Dr. C. Senthil Kumar	Professor & Head/EEE	
2.	Chairperson	Mr. S. Saravanan	AP/EEE	
3.	Faculty members handling the courses	Mrs. B. Sarojini	AP/EEE	
4.		Mrs. L. Krishnaveni	AP/EEE	
5.		Mr. M. S. Kalyana Sundaram	AP/EEE	
6.		Mrs. M. Maheswari	AP/EEE	
7.	Class Committee Members	Kausigasri N	III Year EEE Students	
8.		Ajay Sankar R		
9.		Velprakash M		
10.		Anthony Arul Selvam M		
11.		Venkatesan S		

The first class committee meeting for third year EEE was conducted in EEE HOD cabin on 18.03.2021 at 12.50 PM. The following points were discussed in the meeting.

1. The committee members and faculty members were given warm welcome by the head of the department.
2. The feedback on the courses were collected from the students by the head of the department.
3. In this regard, the head of the department enquired about the syllabus coverage for all the courses.
4. Head of the department insisted the students to attend all the classes without fail.
5. Head of the department informed about the conduct of Internal Test-I in online mode from 6PM to 8PM and explained about the importance of the internal test and attendance for the classes.
6. Head of the department informed the students about the industrial visit planned on 26/03/2021 to 1MW solar power plant at Aruppukottai.
7. Head of the department informed the students to maintain discipline in the campus.
8. Head of the department informed the students to finish the mini project work at the earliest.
9. Finally, students expressed their feedback on syllabus completion in each course and understanding level of the courses and course materials provided by the faculty in Google Classroom.

FEEDBACK FROM STUDENTS :

S.No.	Course Code	Course Name	Name of the Faculty	Depart ment	Syllabus completion	Feedback from students	Remedial measures to be taken by the faculty	Signature of the faculty
1.	EE8601	Solid State Drives	Mrs. L. Krishnaveni	EEE	One and half units completed	Easy to understand the subject	—	
2.	EE8602	Protection and Switch Gear	Mrs. B. Sarojini	EEE	One and half units completed	Easy to understand the subject	—	
3.	EE8691	Embedded Systems	Mr. M. S. Kalyanasundaram	EEE	One and half units completed	Easy to understand the subject	—	
4.	EE8002	Design of Electrical Apparatus	Mr. S. Saravanan	EEE	One and half units completed	Easy to understand the subject	—	
5.	EE8005	Special Electrical Machines	Mrs. M.Maheswari	EEE	One and half units completed	Easy to understand the subject	—	

GRIEVANCES / SUGGESTIONS FROM STUDENTS :

a) Grievances related to Internal Tests & Examination

i. Students requested to arrange industrial visit to other states.

19/03/2021
CHAIRPERSON

19/03/2021
HOD/EEE

AAA COLLEGE OF ENGINEERING AND TECHNOLOGY

Amathur, Sivakasi – 626 005.

Minutes of HoDs Meeting

Venue	Board Room		Date : 9.11.2020		Time : 12.40 p.m		Ref. No.	AAA/2020-21/3
Members Present	Principal	Civil	CSE	ECE	EEE	Mech.	S & H	Academic Coordinators : Civil CSE ECE EEE MECH S & H

Sl. No.	Points Discussed	Action Date	Responsibility
1	**Anna University Exam Registration & Payment of Exam Fees :** • It is informed that 10.11.2020 will be the last date for Anna university exam registration and payment of exam fees. • HoDs are asked to inform and ask the students to pay the tuition fees and exam fees before the due date.	10.11.2020	All HoDs
2	**Internal Test MCQ Question Rating :** • HoDs & Coordinators are asked to submit the rating of Internal test MCQ questions based on the following criteria. o % of indirect questions o % of Diagrammatic problems o % of Analytical problems o % of questions with Yes/No / All/ None of the above options o Overall Rating (1 – 5) • The report should be forwarded to the Principal before the last date of Internal test. • This procedure will be followed for all forthcoming MCQ/Regular tests.	10.11.2020	All HoDs & Coordinators
3	**Proctor Diary Audit :** • It is informed that all proctors must submit their proctor diaries immediately for auditing. • HoDs are asked to verify the availability of student details in the proctor diary with ROVAN.	9.11.2020	All Proctors
4	**NAD Registration :** • It is informed that, as per Anna University instructions 2nd year lateral entry students must register in the National Academic Depository (NAD) Webportal. NAD id is mandatory for all forthcoming exams conducted by University.	10.11.2020	All HoDs & Class Advisors

Sl. No.	Points Discussed	Action Date	Responsibility
	• HoDs are asked to direct their 2nd year lateral entry students to submit the printed copy of NAD id to their class advisor on or before 10.11.2020.		
5	**Syllabus Completion :** • It is instructed to complete the syllabus in the following schedule : o 4th Year – 19.11.2020 ✓ o 3rd Year – 21.11.2020 ✓	19.11.2020	All faculties
6	**Internal Test IV & V Schedule :** • It is decided to conduct internal test IV & V in the following schedule : o Internal Test V for 4th year – 20.11.2020, 21.11.2020 & 23.11.2020. o Internal Test IV for 2nd year & Internal Test V for 3rd year – 23.11.2020, 24.11.2020 & 25.11.2020.	-	All HoDs & All faculties
7	**Project Work :** • HoDs & Coordinators are instructed to motivate/guide the final year students to publish their project work in reputed journal. • HoDs are instructed to submit the final project batch list with area and supervisor name.	23.11.2020	All HoDs & Coordinators
8	**Course Outcomes for Regulation 2017 :** • It is informed to submit the course outcomes of regulation 2017 courses in word file to upload it in the college website.	25.11.2020	HoDs & Coordinators of CSE & ECE
Copy to : Secretary, Correspondent, Joint Secretary, All HoDs		Prepared by	Dr. J. Sutha, HoD-CSE
		Approved By	Principal
		Date	9.11.2020

AAA COLLEGE OF ENGINEERING AND TECHNOLOGY

Kamarajar Educational Road, Amathur, Sivakasi

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

ACADEMIC YEAR 2020-2021 – EVEN SEMESTER

Ref: AAACET/EEE/2020-21/Even/ **Date:26.02.2021**

CIRCULAR

There will be a staff meeting in HOD cabin on 26/02/2021 at 1.10 PM. All are invited to attend the meeting without fail.

Agenda:

- Review of previous meeting.
- Signing MOU with various industries.
- Monitoring of student discipline.
- Main project and Mini project review.
- Lab equipment service.
- Anna University affiliation visit.
- Planning of association activities.

26/2/2021

Prepared by

26/02/2021

HOD/EEE

To Faculty circulation

S.No	Name of the Faculty	Signature
1.	Dr.R.PonVengatesh	
2.	Mr.C.Karuppasamy	
3.	Mrs.B.Sarojini	26/2/2021
4.	Mrs.L.Krishnaveni	26/2/21
5.	Mr.S.Saravanan	
6.	Mr. M.S.Kalyana Sundaram	
7.	Mr.S.S.Dheeban	
8.	Mrs.M.Maheswari	26/2/21
9.	Mrs.N.Sharmila	26/2

AAA COLLEGE OF ENGINEERING AND TECHNOLOGY

Kamarajar Educational Road, Amathur, Sivakasi

Department of Electrical and Electronics Engineering

Minutes of Department Meeting

Ref: AAACET/EEE/DM/2020-21/EVEN/ **Date: 27/02/2021**

The Head of the Department conducted a meeting with faculties on 26/02/2021 at 1.10 PM in his cabin and the following points were discussed.

Members Present:

Name of the Faculty	Signature	Name of the Faculty	Signature
Dr.C.Senthil Kumar		Mr.S.Saravanan	
Dr.R.Pon Vengatesh		Mr.M.S. Kalyana Sundaram	
Mr.C.Karuppasamy		Mr.S.S.Dheeban	
Mrs.B.Sarojini		Mrs.M.Maheswari	
Mrs.L.Krishnaveni		Mrs.N.Sharmila	

S.No	Points Discussed	Action Date	Responsibility
1.	**Signing MOU with various industries:** It is planned to sign MOU with the Lovely offset printers, Sivakasi in the month of March 2021.	Immediately	All the faculty members
2.	**Students Discipline Monitoring:** All the faculty members are requested to monitor the student dress code, discipline during the break hours.	Immediately	All the faculty members
3.	**Association Activities planned:** The association in charges are asked to prepare list of association activities and schedule for the semester as soon as possible.	For Information	Association incharges
4.	**Project review for III Year:** It is informed that the mini project review for third year is planned on 04/03/2021. Those faculty who are free are asked to attend the review.	For Information	All the faculty members
5.	**Project review for IV Year:** It is informed that the project review for final year is scheduled on 05/03/2021. Faculty who are free are asked to attend the review. The project guide should be present during the time of their ward presentation.	For Information	All the faculty members
6.	**Lab equipment service:** All lab incharges are asked to prepare and submit the equipments to be serviced to head of the department immediately. And also lab incharges are requested to get estimation for the equipment from servicing company.	For Information	All lab incharges
7.	**Anna University affiliation visit:** The Head of the department informed that Anna University affiliation visit may be in the month of March,2021. It was decided to purchase the additional equipment's and consumables as per anna university requirements as soon as possible.	Immediately	All lab incharges

Copy to: File, Faculty Circulation.

27/2/2021
Prepared by

27/02/2021
Approved by

AAA COLLEGE OF ENGINEERING AND TECHNOLOGY

(Accredited by NAAC 'A' Grade,
Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai)
Run by Vinayaga – Sonny Fireworks Group of Industries / Panjurajan – Amaravathy Trust
Kamarajar Educational Road, Amathur – 626 005, Sivakasi
An ISO 9001: 2015 Certified Institution

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

Dr.C.Senthil Kumar M.E.,M.E.,M.B.A., Ph.D.,
Professor and Head / EEE

Mobile:9994573850
E.Mail: hod_eee@aaacet.ac.in

AAACET/EEE/IV/2020-21/01

Date: 13.03.2021

To

The Personal Manager,
Idhayam Gingelly Oil,
V.V.V & Sons, Post Box No.19,
VIRUDHUNAGAR - 626 001.

Respected Sir,

SUB: Requisition for Industrial Visit for II year and III year EEE Students.

AAA College of Engineering & Technology, sivaksi is an 8 year old Engineering College serving the educationally, economically and industrially backward rural mass. This Institute imparts technical education based on three cardinal principles: Knowledge, service and progress. It was established in the year 2013, offering currently 5 UG courses have been Approved by (AICTE) All India Council of Technical Education and Affiliated to Anna University, Chennai also Accredited by NAAC with "**A**" Grade for five years (2021-2026).

Department of Electrical and Electronics Engineering was established in the year 2013, is Affiliated to Anna University, Chennai. In order to mold our students for Industrial requirements, every year we are arranging Industrial Visits to enable them to know about real time applications.

In this regard, we kindly request you to sanction permission for our 41 students along with Six faculty members to visit your factory on 19-03-2021 (Friday). Expecting your favorable reply.

Thank you

Yours Truly,

C. Senthil
13/03/2021

Head of the Department
Department of Electrical and Electronics Engineering
AAA College of Engineering And Technology
Sivakasi

COPY TO : THE PERSONAL MANAGER, PLANT III, VARALOTTI PLANT.

V.V.V & Sons Edible Oils Ltd
Manufactured by Idhayam Gingelly Oil
443 Bazaar, Virudhunagar

March 17, 2021

FACTORY VISIT ENTRY PASS

Visiting Institution	: AAA College of Engineering and Technology, Amathur.
No. of Students /Staff	: 40 EEE student + 6 Staff
Factory Visit Date	: 16.04.2021 (Friday)
Time	: 10am
Factory to be visited	: Villipathiri Factory

(Informed Mr.Petchimuthu – Mob. 94437 45789)

For further details contact – Mob. 97509 55454

G.Vadivel
Manager
Business Development

V.V.V. & Sons Edible Oils Limited
CIN : U15144TN2008PLC067129
Regd. Office : Post Box No. 19
443, Bazaar, Virudhunagar - 626 001
Tamilnadu. India
GST No. 33AACCV6897R1ZA
I & E Code No. 3508005950
Mobile : +91 97509 - 55457
E-mail : threevee@idhayam.com

March 17, 2021

Dr.C.Senthil Kumar, M.E.,M.E.,M.B.A.,Ph.D.,
Professor and Head,
Electrical and Electronics Engineering
AAA College of Engineering and Technology,
Amathur – 626005.
Mob: 9994573850

Dear Sir/Mam,

Greetings from Idhayam!

Sub: Confirmation of Industrial Visit.

****

Your 41 EEE Students and 6 staff are most welcome to visit our factory at Villipathiri on 16 April, Friday.

Time: 10am to 1pm.

With best wishes,

Yours truly,
For V.V.V & Sons Edible Oils Limited.,

G.Vadivel
Manager
Business Development

Contact for further details - Mob.no.97509 55454

Plant I : 57/2, T.C.K.P. Street, Virudhunagar - 626 001 • Mob : +91 94437 55789 • E-mail : virudhunagar@idhayam.com
Plant II : 1/238-C, Villipathiri Post, (via) Virudhunagar - 626 109 • Mob : +91 94437 25789 • E-mail : villipathiri@idhayam.com
Plant III : 3/241, Nagampatti Road, Varalotti,(via) Virudhunagar - 626 109 • Mob : +91 94431 66789 • E-mail : varalotti@idhayam.com

AAA COLLEGE OF ENGINEERING AND TECHNOLOGY

Feedback :Students Feedback on Curriculum Info

Academic Year : 2020-2021 Report Date : 01-11-2022 From : 11/12/2021 To : 12/01/2021

S.No	Name	Comments	Percentage	Details
1	Karthickraja K A	--	78.00	Details
2	Shnsumugi s	--	90.00	Details
3	Surya Prakash K R	--	98.00	Details
4	RAJALAKSHMI S	--	77.00	Details
5	G Karthika	--	78.00	Details
6	Mahendra Varman S	--	80.00	Details
7	S PalaniSankar	--	88.00	Details
8	Saravana akash L	No	89.00	Details
9	M Muthu Kumar	--	99.00	Details
10	Prakash K	--	87.00	Details
11	A Sampath kumar	--	75.00	Details
12	S Parthiban	--	100.00	Details
13	K Poorna porkamalam	--	100.00	Details

S.No	Name	Comments	Percentage	Details
14	Ravi Kumar N	--	100.00	Details
15	Jailakshman D	--	81.00	Details
16	SANTHANALAKSHMI A	--	90.00	Details
17	KABILAN RAJASEKAR C	--	90.00	Details
18	M Rooparaj	--	82.00	Details
19	Moniga S	--	85.00	Details
20	N Dhanas aree	--	79.00	Details
21	Mohana Priya R	--	100.00	Details
22	T. Gayathri	--	82.00	Details
23	Vishnu	Very good	86.00	Details
24	M. Balamurugan	No	65.00	Details
25	VINOD B	Nothing	85.00	Details
26	Anantheesver	--	80.00	Details
27	P. Rubak	--	61.00	Details
28	S Arunpandian	Good	60.00	Details
29	S Pradeep	All are good	62.00	Details
30	MAGAVIGNESHKUMAR	--	100.00	Details
31	Muthupandi S	--	80.00	Details

S.No	Name	Comments	Percentage	Details
32	SHIVANI D	--	91.00	Details
33	MANJULA M	--	99.00	Details
34	Ponrajkumar B	Very well	98.00	Details
35	JeethVyaas N	--	100.00	Details
36	A.Preethi	Good	68.00	Details
37	Gunasealan R V	--	84.00	Details
38	Ajith Kumar	--	60.00	Details
39	Selva vijay S	--	88.00	Details
40	Santhosh Paul P	--	90.00	Details
41	M. Muneeskumar	It's nice	79.00	Details
42	S subraman	No	60.00	Details
43	Venkat Mariammal	--	87.00	Details
44	Gokulram R	--	84.00	Details
45	LOGARAJ H	--	90.00	Details
46	N R KARTHICK	No	62.00	Details
47	Darwin Anto J	--	86.00	Details
48	Gowtham. R	--	91.00	Details
49	Shanmugavel murugan S	--	60.00	Details

S.No	Name	Comments	Percentage	Details
50	Prasanth R	--	80.00	Details
51	P IDHAYAKKANI	Good	86.00	Details
52	R V SURYAKUMAR	--	60.00	Details
53	SHIVANI D	--	92.00	Details
54	SANDHIYA R	--	90.00	Details
55	DHANVEER AHAMED B	--	73.00	Details
56	Venkatesh Praveen R	--	92.00	Details
57	Ajay vishaal T	--	88.00	Details
58	M.ATHITHIYAN	--	71.00	Details
59	P. Karthik	--	81.00	Details
60	S Aishwarya	--	85.00	Details
61	Kala R	--	72.00	Details
62	AMUTHA B	--	92.00	Details
63	Narsitha kumar G	--	86.00	Details
64	S Parthiban	--	100.00	Details
65	SEEYANA NACHIAR G	Good	77.00	Details
66	BHUVANESHWARI M	--	91.00	Details
67	Arun kumar M	--	85.00	Details

S.No	Name	Comments	Percentage	Details
68	L Pavithra	--	80.00	Details
69	E.Atchaya sri	--	91.00	Details
70	George Bejoy J	--	57.00	Details
71	Gowtham R	--	84.00	Details
72	SURAJ RAM S	--	90.00	Details
73	Gowsalya Devi I	--	90.00	Details
74	SIVASUBRAMANIAN M	--	80.00	Details
75	N D vignesh	--	100.00	Details
76	AHEESH. J	--	90.00	Details
77	R Monisha	--	100.00	Details
78	R Monisha	--	100.00	Details
79	SHIVANI D	--	91.00	Details
80	S. Jalanthra	--	98.00	Details
81	R karthikeyan	--	66.00	Details
82	K uma maheswari	--	83.00	Details
83	S. Sathis kanna	--	65.00	Details
84	RAJESHWARAN M	--	85.00	Details
85	C.Ajay Murugan	--	60.00	Details

S.No	Name	Comments	Percentage	Details
86	Mahendra Varman S	--	80.00	Details
87	Vansantha vignesh	--	90.00	Details
88	D S Madhumitha	--	86.00	Details
89	Gowtham Raj V	--	86.00	Details
90	KALICHARAN P	Good	84.00	Details
91	VENKATESH	--	85.00	Details
92	BHUVANASRI R	--	89.00	Details
93	BALAMURUGAN. K	--	95.00	Details
94	N.Janani	--	86.00	Details
95	Selvakumar J	--	65.00	Details
96	A.Dineshkumar	--	42.00	Details
97	SIVASUBRAMANIAN M	--	80.00	Details
98	JANANI A	--	62.00	Details
99	Jeeva priya C	--	100.00	Details
100	P.Sivabalarakesh	--	80.00	Details
101	Pradeep P	--	71.00	Details
102	A. Prince shalem	Useful	100.00	Details
103	Karthi	--	63.00	Details

S.No	Name	Comments	Percentage	Details
104	ASWINI. K	–	95.00	Details
105	Priyadharshini R	–	60.00	Details
106	Vimalan.J	–	71.00	Details
107	Sabari Shri	–	85.00	Details
108	R.Gowtham	–	90.00	Details
109	ARJUN. B	–	90.00	Details
110	Ashok. M	–	89.00	Details
111	Mathankumar G	–	91.00	Details
112	K.John Martin	–	95.00	Details
113	R.Ajay Sankar	–	80.00	Details
114	Prabakaran	–	57.00	Details
115	Sivasakthi c	–	90.00	Details
116	J. Flora	–	88.00	Details
117	C. Periyasamy	–	60.00	Details
118	Atchaya Shri.E	–	100.00	Details
119	VINOD.B	Nothing	88.00	Details
120	R. Ganeshbabu	–	96.00	Details
121	K.mathan	No	84.00	Details

S.No	Name	Comments	Percentage	Details
122	BALAMURUGAN RAM KUMAR	–	92.00	Details
123	Mari selvam	–	55.00	Details
124	SORNA ESWARI M	–	90.00	Details
125	Kokila V	–	83.00	Details
126	P.Sivabalarakesh	–	78.00	Details
127	M Jeya ashwin	–	88.00	Details
128	UMA MAHESWARI K	–	90.00	Details
129	Ravi Kumar N	–	89.00	Details
130	Akash N	–	92.00	Details
131	KISHORE KUMAR S	–	93.00	Details
132	Saravanraj K	–	90.00	Details
133	Muthukrishnan S	No comments	60.00	Details
134	HARINI K	–	90.00	Details
135	BHUVANASRI. R	–	95.00	Details
136	SAMUEL RAJAN D	–	90.00	Details
137	Harshitha vaani A	–	100.00	Details
138	A.S Thilip kumar	No	66.00	Details
139	Vanaantha vignesh	–	90.00	Details

S.No	Name	Comments	Percentage	Details
140	Veerakumar M	–	67.00	Details
141	PURUSOTHAMAN P	–	79.00	Details
142	S. Muhil pradhanji	Never mind	100.00	Details
143	Sulthan saif. S	–	94.00	Details
144	Vignesh Prabhu	Nope	68.00	Details
145	GIRIDHARAN. B	–	94.00	Details
146	Ajeeth R	–	87.00	Details
147	R. Madhumita	–	68.00	Details
148	J.Kannan	–	91.00	Details
149	SORNA LAXMI	–	90.00	Details
150	P.Raja Guru	–	57.00	Details
151	A.Sam Dharmaraj	Excellence in Education	87.00	Details
152	M.B.Jai Vignesh	–	92.00	Details
153	Surya Prakash K R	–	100.00	Details
154	K.pandiyaraj	–	73.00	Details
155	SAKTHI SRI DEVI S	–	90.00	Details
156	SANGAVI N	–	60.00	Details
157	A.Sampath kumar	–	72.00	Details

S.No	Name	Comments	Percentage	Details
158	S. Prabhakaran	–	60.00	Details
159	S.AKASH KUMAR	–	75.00	Details
160	S.Arunpandian	Good	60.00	Details
161	Nirmal Venkadesan M	No comments	70.00	Details
162	P.VASANTHA DEVI	No	96.00	Details
163	M.Sai Janani	–	100.00	Details
164	LOGARAJ H	–	90.00	Details
165	Ramachandran M	–	86.00	Details
166	G.Karthika	–	71.00	Details
167	NANDHAKUMAR M	–	61.00	Details
168	K.Mathan	No	81.00	Details
169	K.ARAVINTH KUMAR	–	80.00	Details
170	Janani N	–	95.00	Details
171	SARAN R	–	100.00	Details
172	S.YOGARAJ	–	63.00	Details
173	UMA MAHESWARI K	–	89.00	Details
174	Vijayalakhmi P	Nothing	96.00	Details
175	Vanishri K	–	84.00	Details

S.No	Name	Comments	Percentage	Details
176	G.Anitha	–	84.00	Details
177	Rajnarayanan N B	–	69.00	Details
178	Kokila V	–	77.00	Details
179	Rajeshwaran S	–	81.00	Details
180	BHUVANASRI. R	–	98.00	Details
181	S. S. Shalin	Useful	100.00	Details
182	Sugasini S	–	82.00	Details
183	KISHORE KUMAR S	–	92.00	Details
184	A. Aswini	–	87.00	Details
185	SAKTHI SRI DEVI S	–	90.00	Details
186	N.R.KARTHICK	No	60.00	Details
187	A.Aswin	–	82.00	Details
188	BHUVANESHWARI.M	–	92.00	Details
189	S. Neha	–	92.00	Details
190	V.nagarajan	Its good	80.00	Details
191	RITHIK RAJ	–	69.00	Details
192	M. Vanaraj	No comments simply waste??	20.00	Details
193	M.Ashok	–	86.00	Details

S.No	Name	Comments	Percentage	Details
194	LOGARAJ H	–	90.00	Details
195	Archanadevi C	–	61.00	Details
196	Kaleeswari.P	–	68.00	Details
197	SIVASUBRAMANIAN M	–	90.00	Details
198	SORNA LAXMI	–	90.00	Details
199	Saranika. A	Very well	93.00	Details
200	Tamilselvan G	–	98.00	Details
201	Mathan kumar G	–	91.00	Details
202	T.Anusha	–	95.00	Details
203	M.Rameshkumar	–	61.00	Details
204	P.Ponmathi	–	85.00	Details
205	GIRIDHARAN.B	–	90.00	Details
206	Jalanthra. S	–	89.00	Details
207	Aravind	–	82.00	Details
208	Vikram.p	Good	86.00	Details
209	ARJUN. B	–	88.00	Details
210	VIKNESHWARI M	–	90.00	Details
211	P.Ponmathi	–	84.00	Details

S.No	Name	Comments	Percentage	Details
212	Vikram	Good	89.00	Details
213	Pandieswari P	–	89.00	Details
214	VISWA. M	–	88.00	Details
215	Vimalan J	–	69.00	Details
216	G. Dhivya	–	76.00	Details
217	Prasanth R	–	78.00	Details
218	Karthi	–	68.00	Details
219	Muthu pandiyan G	–	96.00	Details
220	RAJALAKSHMI S	–	78.00	Details
221	JeethVyaas N	–	100.00	Details
222	Vijaya baby V	–	90.00	Details
223	RAMASUBRAMANIAN L	–	90.00	Details
224	Saranka	Very good	96.00	Details
225	Sudha A	–	90.00	Details
226	SAMUEL RAJAN D	–	91.00	Details
227	Soundara rajan M	–	84.00	Details
228	P.Basil Roshan	–	84.00	Details
229	A.Monojnathan	–	98.00	Details

S.No	Name	Comments	Percentage	Details
230	ARUN. T	–	92.00	Details
231	Muthu Kumar M	–	54.00	Details
232	Selvaprakash K	–	56.00	Details
233	SANTHANALAKSHMI A	–	90.00	Details
234	Aravind p	No more com	87.00	Details
235	ANGELIN LAVANYA R	–	88.00	Details
236	Harshitha vaani A	–	100.00	Details
237	Sundaresan M	–	91.00	Details
238	Vijaya snanthi t	–	96.00	Details
239	Sivakami GR	–	87.00	Details
240	M. Anthony arul selvam.	–	79.00	Details
241	Keerthana V	–	90.00	Details
242	Vansantha vignesh	–	90.00	Details
243	P.AMARNATH	–	62.00	Details
244	Raj kumar M	–	89.00	Details
245	Arun V	–	59.00	Details
246	Vishveshwaran	–	90.00	Details
247	DEEPIKA.S	–	90.00	Details

S.No	Name	Comments	Percentage	Details
248	SIVA PRAKASH S	–	90.00	Details
249	R.ARUN PRAKASH	–	78.00	Details
250	S.S.Shalini	–	56.00	Details
251	Ramachandran.M	–	86.00	Details
252	RAM KUMAR R	–	90.00	Details
253	Raja Maha Devan R	–	60.00	Details
254	M. Jeya Aswin	–	98.00	Details
255	Venkatesh	–	78.00	Details
256	Sriram R	–	85.00	Details
257	Vignesh kumar	–	84.00	Details
258	P.MANIKANDAN	–	100.00	Details
259	D.Gokul	–	92.00	Details
260	Judah	Everything good , but the Anna University syllabus was very poor , due to Mr.Surappa , (Vice Chancellor) anna University become the worst place in the world with also the education system , kindly change our AAA to be an Autonomous College , after Autonomous AAA CET will be the top college in our Tamilnadu	92.00	Details
261	SANDHIYA R	–	90.00	Details
262	S. Sathis kanna	–	62.00	Details

S.No	Name	Comments	Percentage	Details
263	P. Judah Sheegan Raj	–	88.00	Details
264	Alagarsamy. S	No	62.00	Details
265	Swathika k	–	87.00	Details
266	Ajeeth R	–	88.00	Details
267	S. Neha	–	90.00	Details
268	Janarthanan A	–	70.00	Details
269	M.Durgadevi	–	78.00	Details
270	A.Manojnathan	–	87.00	Details
271	Kalai Madhavan	Good	60.00	Details
272	VISWA. M	–	91.00	Details
273	vishal	–	90.00	Details
274	Alagarsamy. S	No	62.00	Details
275	Vishal	–	90.00	Details
276	G. Raja sethupathi	–	96.00	Details
277	R.ARUN PRAKASH	–	80.00	Details
278	D.Gokul	–	85.00	Details
279	NANDHAKUMAR M	–	60.00	Details
280	Sabari Shri	–	94.00	Details

S.No	Name	Comments	Percentage	Details
281	K. Lokesh kumar	–	80.00	Details
282	Sivasakthi	–	90.00	Details
283	Mari ganesh M	–	80.00	Details
284	BHUVANABHARATHI.V	–	89.00	Details
285	P.Ponmathi	–	97.00	Details
286	KISHORE KUMAR.S	–	93.00	Details
287	J. S. Naveen vishuwaraj	–	100.00	Details
288	LAKSHMI SRUTHI K	–	85.00	Details
289	Ponrajkumar. A	Very well	97.00	Details
290	BALAMURUGAN. K	–	90.00	Details
291	M.AVINITH	–	59.00	Details
292	SHAI PRABU D	–	91.00	Details
293	M.Sai Janani	–	100.00	Details
294	Vijayalashmi P ,	Nothing	95.00	Details
295	Kalirajan M	–	91.00	Details
296	D.S.Madhumita	–	100.00	Details
297	ARUN. T	–	89.00	Details
298	Lalitha c	–	68.00	Details

S.No	Name	Comments	Percentage	Details
299	MariGanesh M	–	87.00	Details
300	Shrisumugi	–	95.00	Details
301	M.Sai Janani	–	94.00	Details
302	Rajeshwaran S	–	80.00	Details
303	Muthpandi s	–	93.00	Details
304	S. S. Shalin	Very useful	100.00	Details
305	Vijayalashmi P	Nothing	97.00	Details
306	S.Bothahar antony johnson	–	91.00	Details
307	Sudha A	–	92.00	Details
308	P.AMARNATH	–	76.00	Details
309	John Martin. X	–	89.00	Details
310	Subiksha K	–	92.00	Details
311	V Ajith kumar	–	84.00	Details
312	SIVA RANJANI M D	–	92.00	Details
313	P.Sakthipriya	–	68.00	Details
314	Mathankumar. G	–	100.00	Details
315	Harshitha vaani A	–	100.00	Details
316	Nandhakumar G	–	90.00	Details

S.No	Name	Comments	Percentage	Details
317	Vimalan.J	–	85.00	Details
318	Aishwarya S	–	88.00	Details
319	N.GURUANANTHARAJAN	–	70.00	Details
320	R .V. Pandiya Raj	–	90.00	Details
321	V.Rithiga	Nil	58.00	Details
322	N DHANAS SREE	–	80.00	Details
323	Raj kumar M	–	81.00	Details
324	M.Parthiban	–	100.00	Details
325	R.Arun	–	100.00	Details
326	M. Anthony arulselvam	–	76.00	Details
327	Pradeep jaya S	–	90.00	Details
328	P.IDHAYAKKANI	Good	90.00	Details
329	GUNA SEELAN N	–	90.00	Details
330	Gowsalya Devi I	–	89.00	Details
331	G.Rajalingam	–	66.00	Details
332	SEEYANA NACHIR G	Good	79.00	Details
333	R. Ganeshbabu	–	100.00	Details
334	S.Kalaivani	–	100.00	Details

S.No	Name	Comments	Percentage	Details
335	N.GURUANANTHARAJAN	–	73.00	Details
336	P.Dharani	–	86.00	Details
337	S.Ishwarya	–	97.00	Details
338	R. Arun	–	87.00	Details
339	AMUTHA. B	–	86.00	Details
340	M.Subha	–	99.00	Details
341	Nagavi K	–	88.00	Details
342	Muthukumar. M	–	58.00	Details
343	PRABHU M	–	90.00	Details
344	N. VISWANATH	–	79.00	Details
345	S. Ganesan	–	100.00	Details
346	Nagajothi	–	67.00	Details
347	Venkatesan S	–	85.00	Details
348	S.Diviya	–	85.00	Details
349	Thazhaieswaran K	–	100.00	Details
350	M.vigneshwaran	Nothing to say	90.00	Details
351	Malavika C	–	100.00	Details
352	Santhosh	–	78.00	Details

S.No	Name	Comments	Percentage	Details
353	RAJALAKSHMI S	–	75.00	Details
354	Kaleeswari P	–	67.00	Details
355	Shalini s	–	91.00	Details
356	Saravana akash.L	No	84.00	Details
357	SORNA LAXMI	–	90.00	Details
358	Shrisumugi	–	83.00	Details
359	Suresh Kumar S	–	100.00	Details
360	Selvaprakash K	–	57.00	Details
361	Ramasubramanian G	??	68.00	Details
362	Selvadurai A	–	77.00	Details
363	Kalai Madhavan	Good	60.00	Details
364	N.SUDHARSANAN	–	87.00	Details
365	Ajay	–	57.00	Details
366	SIVA PRAKASH S	–	100.00	Details
367	RAJA MEENA R	–	90.00	Details
368	UMA MAHESWARI K	–	90.00	Details
369	RAJA MEENA R	–	90.00	Details
370	Nirmal Venkadesan M	No comments	69.00	Details

S.No	Name	Comments	Percentage	Details
371	Sarath raja B	–	87.00	Details
372	A.S.Thilip kumar	–	61.00	Details
373	Pandeeswari p	–	90.00	Details
374	M. Snekapriyatharshinee	–	76.00	Details
375	ARJUN S	–	90.00	Details
376	B.Santhiya	–	86.00	Details
377	Ajay vishaal T	–	91.00	Details
378	Prasanth R	–	89.00	Details
379	S.Vijaya rama lakshmi	–	83.00	Details
380	N.Janani	–	96.00	Details
381	K.RAMESH	–	74.00	Details
382	Sivakami	–	89.00	Details
383	A. Prince shalem	Very good	99.00	Details
384	G. Raja sethupathi	–	92.00	Details
385	R.V.Pandiya Raj	–	90.00	Details
386	SANTHANALAKSHMI A	–	90.00	Details
387	S. ANDREW	–	84.00	Details
388	S.Selva Ganesh	–	100.00	Details

S.No	Name	Comments	Percentage	Details
389	Sulthan sait. S	–	91.00	Details
390	M. Parthiban	–	89.00	Details
391	Riyas	–	40.00	Details
392	Kartik Andiappan M	–	80.00	Details
393	M. Sujay	–	78.00	Details
394	Suresh Kumar S	–	100.00	Details
395	D.S.Madhumitha	–	86.00	Details
396	K.Karthick	–	99.00	Details
397	SIVA PRAKASH S	–	90.00	Details
398	Aravind K	–	88.00	Details
399	VIKNESHWARI M	–	90.00	Details
400	AMUTHA.B	–	92.00	Details
401	M.Parthiban	–	83.00	Details
402	Dineshraj T	–	51.00	Details
403	A. Preethi	Useful	100.00	Details
404	S.Jalanthira	–	85.00	Details
405	M.ATHITHIYAN	–	67.00	Details
406	S.KANEESWARAN	Good	64.00	Details

S.No	Name	Comments	Percentage	Details
407	G.KALIDASS	No	81.00	Details
408	PORKODI V	Good	78.00	Details
409	G. Raja sethupathi	–	94.00	Details
410	V.Ajith kumar	–	90.00	Details
411	KABILAN RAJASEKAR C	–	90.00	Details
412	Madhan M	–	85.00	Details
413	S.YOGARAJ	–	69.00	Details
414	B.Jaya krishna	–	91.00	Details
415	Prasanth R	–	75.00	Details
416	Akash Kumar A	–	61.00	Details
417	Ashok kumar P	–	85.00	Details
418	Sankarganesh C	–	88.00	Details
419	Mathu Mathi	–	98.00	Details
420	SATHISH KUMAR CR	–	90.00	Details
421	Sakthi pandian. R	–	84.00	Details
422	Keerthana V	–	88.00	Details
423	Vishal	–	90.00	Details
424	MARISELVAM I	Good	87.00	Details

S.No	Name	Comments	Percentage	Details
425	Jeyapriya S	No	89.00	Details
426	S. Divya	--	90.00	Details
427	Kasthuri K	--	88.00	Details
428	Vishveshwaran	--	90.00	Details
429	C.Senthil Ganesh	--	71.00	Details
430	VIKNESHWARI M	--	90.00	Details
431	Kalai Madhavan	Good	60.00	Details
432	Venkatesh	--	88.00	Details
433	SELVA KUMAR P	--	77.00	Details
434	BHUVANABHARATHI. V	--	92.00	Details
435	Swetha	--	60.00	Details
436	RAM KUMAR R	--	91.00	Details
437	Veeram K	--	82.00	Details
438	Abinaya B	--	77.00	Details
439	M.Muthu Kumar	--	89.00	Details
440	S.YOGARAJ	--	66.00	Details
441	Vimalan.J	--	87.00	Details
442	R Backiya lakshmi	--	67.00	Details

S.No	Name	Comments	Percentage	Details
443	Balamuralikrishna	--	63.00	Details
444	PORKODI V	Good	80.00	Details
445	S. S. Shalin	Useful	100.00	Details
446	MANJULA M	--	90.00	Details
447	Arun V	--	58.00	Details
448	M.UTHADIYAN	--	100.00	Details
449	Soundaraya M	--	88.00	Details
450	Swathika k	--	86.00	Details
451	Rajeshwaran S	--	79.00	Details
452	Aravind K	--	89.00	Details
453	JANANI A	--	60.00	Details
454	Mareeswaran	--	38.00	Details
455	Bothaher Anthony Johnson. S	--	89.00	Details
456	Gowtham A	--	81.00	Details
457	A.Ashwini	--	87.00	Details
458	G. Dhivya	--	72.00	Details
459	Mani kumar P	--	80.00	Details
460	R. Esther bunny vasantha	--	73.00	Details

S.No	Name	Comments	Percentage	Details
461	Prabakaran s	--	55.00	Details
462	S karthikeyan	--	78.00	Details
463	D. Jeya surya	No comments	71.00	Details
464	Vanishri k	--	93.00	Details
465	KISHORE KUMAR S	--	91.00	Details
466	M.AVINITH	--	59.00	Details
467	SORNA ESWARI M	--	90.00	Details
468	Sudha A	--	91.00	Details
469	Harini K	--	85.00	Details
470	SEEYANA NACHIAR G	Good	83.00	Details
471	SIVA RANJANI M D	--	95.00	Details
472	Ajay	--	61.00	Details
473	M surya	--	67.00	Details
474	N.R.KARTHICK	No	60.00	Details
475	G.Anitha	--	86.00	Details
476	SATHIYA K	--	88.00	Details
477	Belaiah Darling R	Nothing	100.00	Details
478	ANANTHARAMAN N	Excellent	85.00	Details

S.No	Name	Comments	Percentage	Details
479	S.Divya	--	94.00	Details
480	BALAMURUGAN.K	--	91.00	Details
481	BALAMURUGAN RAM KUMAR	--	92.00	Details
482	A. Prince shalem	Usefully	100.00	Details
483	M. Manikandan	--	60.00	Details
484	P. Deepika	--	100.00	Details
485	P.Jegatheeswarab	--	52.00	Details
486	SANDHIYAR	--	90.00	Details
487	Venkatesan S	--	83.00	Details
488	Esther Jemima.J	--	89.00	Details
489	V.nagarajan	Good ??	80.00	Details
490	Porkodi	--	77.00	Details
491	M.UTHADIYAN	--	100.00	Details
492	R.Madhumita	--	98.00	Details
493	Jeyapriya S	Nothing	89.00	Details
494	SELVA GANESH	--	86.00	Details
495	P.Judah sheegan Raj	--	95.00	Details
496	Kasthuri k	--	91.00	Details

S.No	Name	Comments	Percentage	Details
497	C.lalitha	--	67.00	Details
498	P.Judah Sheegan Raj	--	85.00	Details
499	Aswarya G	--	85.00	Details
500	Karthikeyan	--	89.00	Details
501	G. Raja sethupathi	--	95.00	Details
502	Mani reshi	--	63.00	Details
503	ASWINI. K	--	93.00	Details
504	Senbaga Ganesan T	--	87.00	Details
505	Ananthaesver	Good	80.00	Details
506	Selvavijay s	--	100.00	Details
507	Swathika k	--	91.00	Details
508	P. Karthik	--	81.00	Details
509	Siva sankari J	--	95.00	Details
510	BHUVANABHARATHI. V	--	94.00	Details
511	Navitha	--	67.00	Details
512	Antonyraj S	--	91.00	Details
513	SATHISH KUMAR CR	--	90.00	Details
514	c.priyadharshini	no comment	83.00	Details

S.No	Name	Comments	Percentage	Details
515	RAMASUBRAMANIAN L	--	90.00	Details
516	SAMUEL RAJAN D	--	90.00	Details
517	Shalini s	--	91.00	Details
518	A.Subhad	--	89.00	Details
519	N.Dhanas sree	--	80.00	Details
520	A. Manojnathan	--	90.00	Details
521	M. Ramya	--	70.00	Details
522	Palanisankar	--	85.00	Details
523	B.Swetha	--	80.00	Details
524	Nagavi K	--	91.00	Details
525	JeethVyaas N	--	100.00	Details
526	R.SANKARESWARI	GOOD	90.00	Details
527	A. Preethi	Very usefull	100.00	Details
528	S. Prabhakaran	--	60.00	Details
529	Rajeshwaran S	--	81.00	Details
530	Porvajkumar	All are the best	95.00	Details
531	BALAMURUGAN RAM KUMAR	--	92.00	Details
532	Pradeep P	--	74.00	Details

S.No	Name	Comments	Percentage	Details
533	Veerakumar M	–	66.00	Details
534	M. Muthu Kumar	–	89.00	Details
535	Karuppasamy Y	–	90.00	Details
536	Prasanth R	–	79.00	Details
537	R karthikeyan	–	62.00	Details
538	Akash N	–	86.00	Details
539	Manjuladevi	–	59.00	Details
540	K. Lokesh kumar	–	80.00	Details
541	Karthickrajah K A	–	75.00	Details
542	M.Ashok	–	85.00	Details
543	Monica S	–	85.00	Details
544	S pradeep	Short time for AU exam	68.00	Details
545	Arun kumar m	–	91.00	Details
546	Prasanth R	–	87.00	Details
547	A. Prince shalem	Very usefull	85.00	Details
548	Belsiah Darling R	–	100.00	Details
549	L Pavithra	–	72.00	Details
550	DRAVIDPRASAD. L	–	92.00	Details

S.No	Name	Comments	Percentage	Details
551	Deepak S	–	88.00	Details
552	M. Muneeskumar	–	85.00	Details
553	L Pavithra	–	85.00	Details
554	ANANTHARAMAN N	Good	83.00	Details
555	PURUSOTHAMAN P	–	78.00	Details
556	M.B.Jai Vignesh	–	92.00	Details
557	R Arun	–	84.00	Details
558	Naveenkumar	–	96.00	Details
559	M.kaviya	–	92.00	Details
560	Veliraj	No	62.00	Details
561	RAJA MEENA R	–	90.00	Details
562	J. Flora	–	90.00	Details
563	Subiksha K	–	91.00	Details
564	X.John Martin	–	86.00	Details
565	M. Manikandan	–	60.00	Details
566	Jeeva priya C	–	100.00	Details
567	M.vigneshwaran	Nothing	85.00	Details
568	N.KANNAN	–	79.00	Details

S.No	Name	Comments	Percentage	Details
569	B.Jaya krishna	–	85.00	Details
570	K.Hariharan	Good	60.00	Details
571	Ajay Kumar M	–	89.00	Details
572	Santhosh	–	80.00	Details
573	Mathankumar. G	–	95.00	Details
574	C.Senthil Ganesh	–	74.00	Details
575	J. Kannan	–	91.00	Details
576	SARAN R	–	100.00	Details
577	Archanadevi C	–	60.00	Details
578	Navitha	–	82.00	Details
579	R.V.Pandiya Raj	–	97.00	Details
580	N.D.vignesh	–	90.00	Details
581	A. Preethi	Very useful	97.00	Details
582	Vigneshwaran T	–	89.00	Details
583	N.Janani	–	96.00	Details
584	Sugasini S	–	74.00	Details
585	Ajith kumar. V	–	90.00	Details
586	Subiksha K	–	93.00	Details

S.No	Name	Comments	Percentage	Details
587	AMUTHA.B	–	100.00	Details
588	P.Sarthipriya	–	75.00	Details
589	S.KANEESWARAN	Nice	64.00	Details
590	Sivakumar R	–	91.00	Details
591	S.Bothaher Anthony Johnson	–	91.00	Details
592	PRABHU M	–	90.00	Details
593	S.pradeep	–	61.00	Details
594	G.Rajalingam	–	64.00	Details
595	LAKSHMI SRUTHI K	–	86.00	Details
596	Vijayababu V	–	86.00	Details
597	M.surya	–	68.00	Details
598	K. Lokesh kumar	–	80.00	Details
599	SAKTHI SRI DEVI S	–	90.00	Details
600	Dhanasamy MVC	–	89.00	Details
601	Kartik Andiappan M	–	80.00	Details
602	Antonyraj S	–	68.00	Details
603	J .S .Naveen vishuvaraj	–	100.00	Details
604	SHAI PRABU D	–	90.00	Details

S.No	Name	Comments	Percentage	Details
605	Janarthanan A	–	65.00	Details
606	Sriram R	–	85.00	Details
607	P.AMARNATH	–	69.00	Details
608	E.Anusuya	No	85.00	Details
609	S.Kalaivani	–	100.00	Details
610	N.D.vignesh	–	97.00	Details
611	Vishnu K	–	99.00	Details
612	RAMASUBRAMANIAN L	–	90.00	Details
613	A. Preethi	Very usefull	100.00	Details
614	HARINI K	–	84.00	Details
615	Aajith Narayanan V	–	71.00	Details
616	Santhiya b	–	85.00	Details
617	Thazhaeswaran K	–	100.00	Details
618	R.DineshKumar	–	74.00	Details
619	Sivakumar R	–	89.00	Details
620	Malaiyarasakumar K	–	60.00	Details
621	V.Rithya	Nil	62.00	Details
622	Iswarya G	–	91.00	Details

S.No	Name	Comments	Percentage	Details
623	Arunkumar.R	No coments	79.00	Details
624	Venkatesh praveen R	–	90.00	Details
625	Ashok Kumar.P	–	86.00	Details
626	G. Anitha	–	90.00	Details
627	K.Karthick	–	87.00	Details
628	C. Periyasamy	–	60.00	Details
629	Vishveshwaran	–	90.00	Details
630	C.Senthil Ganesh	–	71.00	Details
631	DRAVID PRASAD.L	–	91.00	Details
632	SARAN K	–	89.00	Details
633	LOGARAJ M	–	90.00	Details
634	Basheer shamed. S	–	60.00	Details
635	C.Senthil Ganesh	–	71.00	Details
636	Nagajothi	–	60.00	Details
637	Nathan m	–	94.00	Details
638	Ajay	–	59.00	Details
639	BHUVANESHWARI. M	–	86.00	Details
640	Ravi Kumar N	–	100.00	Details

S.No	Name	Comments	Percentage	Details
641	Kalirajan M	–	86.00	Details
642	M.Jeya Ashwin	–	88.00	Details
643	Kaleeswari P	–	68.00	Details
644	Saranika. A	Very well	98.00	Details
645	Mohana Priya R	–	100.00	Details
646	V.Ajithkumar	–	88.00	Details
647	S.Rajkumar	–	77.00	Details
648	KABILAN RAJASEKAR C	–	90.00	Details
649	NANDHAKUMAR M	–	59.00	Details
650	Siva sankari J	–	97.00	Details
651	Malavika C	–	100.00	Details
652	SORNA ESWARI M	–	90.00	Details
653	Sivasakthi c	–	91.00	Details
654	M.ATHITHIYAN	–	71.00	Details
655	S. S. Shalin	Very useful	85.00	Details
656	Basheer ahamed S	–	61.00	Details
657	Gowsalya Devi I	–	90.00	Details
658	SELVA KUMAR P	–	76.00	Details

S.No	Name	Comments	Percentage	Details
659	P.Jegatheeswaran	–	50.00	Details
660	SIVA RANJANI M D	–	91.00	Details
661	Vijaya anathi T	–	92.00	Details
662	Janarthanan A	Good	67.00	Details
663	Balakumar s	–	93.00	Details
664	B.Pradeeba	–	96.00	Details
665	SELVA GANESH	–	88.00	Details
666	Mahendra Varman S	–	73.00	Details
667	AHEESH. J	–	94.00	Details
668	VISWA. M	Good	89.00	Details
669	Robin S	–	73.00	Details
670	Ram prasadh G	–	89.00	Details
671	A. Prince shalem	Useful	100.00	Details
672	N.D.vignesh	–	87.00	Details
673	SATHIYA K	–	89.00	Details
674	LAKSHMI SRUTHI K	–	84.00	Details
675	C.Ajay Murugan	–	61.00	Details
676	E.Alchaya Sri	Very good	89.00	Details

S.No	Name	Comments	Percentage	Details
677	Ajith Kumar	–	60.00	Details
678	M.Rameshkumar	–	62.00	Details
679	Vishnu. K	–	93.00	Details
680	P. Dharani	–	90.00	Details
681	Gowtham A	–	89.00	Details
682	DEEPIKA. D	–	92.00	Details
683	J.Kannan	–	85.00	Details
684	Gunaseelan N	–	100.00	Details
685	R.Arun	–	84.00	Details
686	M.ATHITHIYAN	–	71.00	Details
687	Karthickrajah K A	–	79.00	Details
688	Vairam k	–	92.00	Details
689	K.Sri Ranjani	–	78.00	Details
690	B.Monika	–	80.00	Details
691	AHEESH.J	–	91.00	Details
692	P.Jegatheeswaran	–	46.00	Details
693	Kasinathan.P	–	86.00	Details
694	Sarath Raja B	–	89.00	Details

S.No	Name	Comments	Percentage	Details
695	M UTHADIYAN	–	100.00	Details
696	Yadav Aniket	–	89.00	Details
697	Ajay	–	60.00	Details
698	NAGARAJ	–	71.00	Details
699	MARISELVAM I	Good	83.00	Details
700	Rajapandiyan G	–	89.00	Details
701	ASHWIN K	–	91.00	Details
702	Mohana Priya R	–	100.00	Details
703	S.Vijaya rama lakshmi	–	85.00	Details
704	B.Monika	–	85.00	Details
705	K.Hariharan	Good	67.00	Details
706	T.Anusha	–	96.00	Details
707	Gunaseelan.N	–	100.00	Details
708	Prakash.S	–	63.00	Details
709	VINOD.B	Nothing	87.00	Details
710	S. Swathika	–	91.00	Details
711	Vetrivel s	No	60.00	Details
712	R.Madhumita	–	86.00	Details

S.No	Name	Comments	Percentage	Details
713	SATHISH KUMAR CR	–	90.00	Details
714	SHAI PRABU D	–	91.00	Details
715	Siva sankari J	–	96.00	Details
716	SELVA GANESH	–	86.00	Details
717	MANJULA M	–	90.00	Details
718	PRABHU M	–	90.00	Details
719	ARUN T	–	92.00	Details
720	P.Dharani	–	92.00	Details
721	RajaPandian G	–	87.00	Details
722	Yadav aniket R	–	89.00	Details
723	Gokul ram R	–	91.00	Details
724	G.Anitha	–	83.00	Details
725	RAJESHWARAN M	–	85.00	Details
726	Mani kumar P	–	80.00	Details
727	Sriram.Selvakumar	–	89.00	Details
728	Malavika C	–	100.00	Details
729	A.Subhas	–	89.00	Details
730	Vetrivel s	Noo	67.00	Details

S.No	Name	Comments	Percentage	Details
731	Nirmal Venkadesan M	No comments	73.00	Details
732	N.SUDHARSANAN	–	91.00	Details
733	Arun V	–	59.00	Details
734	Karthikeyan S	–	86.00	Details
735	N. VISWANATH	–	79.00	Details
736	R. V. SURYAKUMAR	–	63.00	Details
737	LOGARAJ H	–	90.00	Details
738	P.VIJAY	–	69.00	Details
739	T.AMATHIVANAN	Fair	51.00	Details
740	Ajith Kumar	–	60.00	Details
741	R.Ajay Sankar	–	80.00	Details

Dr. M. Sekar, M.E.,Ph.D.
Principal
AAA College of Engineering and Technology
Amathur, Sivakasi - 626 005.

AAA COLLEGE OF ENGINEERING AND TECHNOLOGY

Students Feedback on Curriculum - Feedback Analysis Report

Academic Year : 2020-2021 **Report Date : 11-01-2022** **From : 11/12/2021** **To : 12/01/2021**

S.No	Question's	Excellent	Very Good	Good	Fair	Poor	Total Weightage	Percentage	3-Scale Weightage
1	How do you rate the sequence of the Courses that you have studied are in sequence to what you have studied in the previous semester?	417	189	133	2	1	3245	**87.47%**	2.62
2	How do you rate the syllabus of the courses that you have studied in relation to the competencies expected out of the course?	233	357	145	5	2	3040	**81.94%**	2.46

S.No	Question's	Excellent	Very Good	Good	Fair	Poor	Total Weightage	Percentage	3-Scale Weightage
3	How do you rate the relevance of the units in Syllabus relevant to the course?	368	222	141	8	3	3170	**85.44%**	2.56
4	How do you rate the sequence of the units in the course?	245	346	143	5	3	3051	**82.24%**	2.47
5	How do you rate the allocation of the credits to the courses?	344	252	138	6	2	3156	**85.07%**	2.55
6	How do you rate the distribution of the contact hours among the course components (L-T-P)?	240	341	150	8	3	3033	**81.75%**	2.45
7	How do you rate the offering of the electives in terms of their relevance to the specialization streams?	343	248	142	8	1	3150	**84.91%**	2.55

S.No	Question's	Excellent	Very Good	Good	Fair	Poor	Total Weightage	Percentage	3-Scale Weightage
8	How do you rate the electives offered in relation to the Technological advancements?	239	346	146	8	3	3036	**81.83%**	2.45
9	How do you rate the relevance of the Text Books and reference books by their International recognition to the Courses?	345	245	136	14	2	3143	**84.72%**	2.54
10	Rate the Size of syllabus in terms of the load on the student	244	335	145	14	4	3027	**81.59%**	2.45
11	Rate the courses in terms of extra learning or self learning considering the design of the courses	331	262	127	16	6	3122	**84.15%**	2.52

S.No	Question's	Excellent	Very Good	Good	Fair	Poor	Total Weightage	Percentage	3-Scale Weightage
12	Rate the courses in terms of sequence of offering considering whether the preceding courses have been covered.	259	326	139	10	8	3044	**82.05%**	2.46
13	How do you Rate the loading of the courses in a semester?	328	260	138	10	6	3120	**84.10%**	2.52
14	How do you rate the evaluation scheme designed for each of the course?	267	313	145	13	4	3052	**82.26%**	2.47
15	How do you rate the objectives stated for each of the course?	312	256	160	10	4	3088	**83.23%**	2.50
16	How do you rate competencies expected out of the course?	265	321	143	10	3	3061	**82.51%**	2.48

S.No	Question's	Excellent	Very Good	Good	Fair	Poor	Total Weightage	Percentage	3-Scale Weightage
17	How do you rate the composition of the courses in terms of Basic science, Engineering science, Humanities, Discipline core, discipline elective, open elective, project etc.?	360	246	129	5	2	3183	**85.80%**	2.57
18	How do you rate the percentage of courses having LAB components?	284	299	144	12	3	3075	**82.88%**	2.49
19	How do you rate the domain used for designing the experiments for the LAB components?	333	246	144	16	3	3116	**83.99%**	2.52
20	How do you rate the experiments in relation to the real life Applications?	270	309	134	20	9	3037	**81.86%**	2.46

S.No	Question's	Excellent	Very Good	Good	Fair	Poor	Total Weightage	Percentage	3-Scale Weightage
AVERAGE SCORE							3,097.45	83.49%	2.50

Authorized Signature

Authorized Person

AAA College of Engg Sivakasi

Dr. M. Sekar, M.E.,Ph.D.
Principal
AAA College of Engineering and Technology
Amathur, Sivakasi - 626 005.

AAA COLLEGE OF ENGINEERING & TECHNOLOGY

(An ISO 9001: 2015 Certified Institution)
(Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai)
Amathur, Sivakasi - 626 005.

Date: 21.10.2021

Action Taken Report for the Student Feedback on curriculum

Academic Year 2020-2021

S.No	Particulars	Action Taken	Implementation
1.	How do you rate the syllabus of the courses that you have studied in relation to the competencies expected out of the course?	1. Mini projects were given to the students. 2. In theory courses content beyond syllabus were included to enhance the competencies of the students. 3. In Laboratory courses the content beyond syllabus experiments are included.	1. Content Beyond Syllabus experiments are conducted and students write in their record notebook. 2. Students were motivated to do mini projects.
2.	How do you rate the distribution of the contact hours among the course components (L-T-P)?	The periods are uniformly distributed for lecture, tutorial and practical based on the credits allotted for the course by the university.	Faculty follows class regular time table.
3.	Rate the Size of syllabus in terms of the load on the student	Due to Covid pandemic the students were unable to concentrate their full syllabus. It was planned to conduct revision classes.	The revision classes were conducted by the faculty.
4.	How do you rate the experiments in relation to the real life applications?	Students acquires basic knowledge by doing experiments. To get exposure on real life applications students are given opportunities to go for industrial visits and internships.	Due to Covid pandemic and restrictions few students gone for industrial visit and internship.

21/10

Prepared by

Copy to:

1. All HoDs
2. Academic Council File
3. Governing Council File
4. IQAC File

Principal

Dr.M. Sekar, M.E.,Ph.D.
Principal
AAA College of Engineering and Technology
Amathur, Sivakasi - 626 005.

AAA
COLLEGE OF ENGINEERING & TECHNOLOGY
KAMARAJAR EDUCATIONAL ROAD,
AMATHUR VILLAGE - 626 005, SIVAKASI,
VIRUDHUNAGAR DIST., TAMILNADU.

Dr. M. Sekar M.E, PhD, FIE.
Principal

principal@aaacet.ac.in
www.aaacet.ac.in

AAA/GEN/ 2020-21/ 197

Date: 15th February 2021

To

The Principal,
Mepco Schlenk Engineering College,
Sivakasi - 626005.

Respected Sir

Sub: AAACET– Electrical and Electronics Engineering – Guest Lecture on Smart Grid – Resource person invited – reg.

The Department of Electrical and Electronics Engineering of our Institution has planned to conduct a Guest Lecture on "**Smart Grid**" on **24/03/2021 (Wednesday, 10 AM to 12.30 PM)**.

In this regard, we would like to utilize the expertise **Mr. B. Sakthi Sudhursun, Assistant Professor, Senior grade/Department of Electrical and Electronics Engineering** of your institution. We extend our invitation to **Mr. B. Sakthi Sudhursun** as resource person for the programme on **24/03/2021 (Wednesday)** to handle the session on Smart Grid. We request you to kindly depute him for the Guest Lecture.

Thank you

Yours faithfully

15/2/2021

PRINCIPAL

PRINCIPAL
AAA COLLEGE OF ENGG. & TECHNOLOGY
SIVAKASI.

AAA College of Engg. & Tech., Sivakasi

Office: 74A, Velayutham Road,
Sivakasi - 626 123.
Tamilnadu.

Phone: 04562 - 228863/228883/290900
Fax: 04562 - 228885
E.mail: aaaengineeringcollege@gmail.com
sonyfire@bsnl.in

AAA COLLEGE OF ENGINEERING AND TECHNOLOGY

Accredited by NAAC with A Grade, An ISO 9001:2015 certified institution

Approved by AICTE, Affiliated to Anna University

Amathur, Sivakasi – 626 005.

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

CIRCULAR

AAACET/EEE/Association/2020-21/03

19.03.2021

Association of Department of Electrical and Electronics Engineering organizes a one day Guest Lecture on **"Smart Grid"** on 24.3.2021 from 10:00 AM to 12:30 PM.

Mr. B. Sakthi Sudhursun., M.Tech, Assistant Professor (Senior Grade), Department of Electrical and Electronics Engineering, Mepco Schlenk Engineering College, will be the resource person. All students of II year, III year and IV year are asked to attend the seminar and get benefited.

C. Senthil
19/03/2021
HOD/EEE

Copy to: Notice board, File and to be read in class room

AAA COLLEGE OF ENGINEERING & TECHNOLOGY

(Accredited by NAAC with Grade A & An ISO 9001 : 2015 Certified Institution)
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Amathur, Sivakasi - 626 005. www.aaaenggcoll.ac.in

Department of Electrical and Electronics Engineering

DATE:25.3.2021

REPORT ON GUEST LECTURE ON SMART GRID

The department of Electrical and Electronics Engineering organized a guest lecture on the topic of **Smart Grid** on 24.3.2021 from 10:00 AM to 12:30 PM.

Mr. B. Sakthi Sudhursun., M.Tech, Assistant Professor (Senior Grade), Department of Electrical and Electronics Engineering, Mepco Schlenk Engineering College, was the guest speaker for the lecture. M. Rashmika, II-year EEE student welcomed the gathering.

Mr. B. Sakthi Sudhursun elucidate about conventional grid and smart grid architecture, HVDC transmission, FACTS devices, advantages of smart grid and challenges in implementing the same. S. Porkavya, II-year EEE student delivered a vote of thanks.

Secretary, **Dr. P. Karvannan**, Correspondent, **Dr. P. Ganesan** and Joint Secretary, **Dr. K. Vigneshkumar** gave permission and support to conduct the event. Mr. C. Karuppasamy made necessary arrangements for the program.

M. Mali 25/3/21 25.03.2021
Association Co-ordinators

25/03/2021
HOD/EEE

AAA COLLEGE OF ENGINEERING & TECHNOLOGY
KAMARAJAR EDUCATIONAL ROAD,
AMATHUR VILLAGE – 626 005,
SIVAKASI,
VIRUDHUNAGAR DISTRICT.

Dr. M. Sekar M.E, PhD, FIE.
Principal

principal@aaacet.ac.in
www.aaacet.ac.in

AAACET/SEC/ 293

Date: 15th March 2021

Submitted to the Secretary,

Department of Electrical and Electronics Engineering have planned to organize a "one day National level Technical Symposium" on 31st March, 2021. Registration fee per participant is fixed as Rs.200. Please give us permission to conduct the program in our campus.

Detailed account statement will be submitted later.

Thanking You,

Principal

AAA COLLEGE OF ENGINEERNG AND TECHNOLOGY

Kamarajar Educational Road, Amathur, Sivakasi – 626 005.

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

AAACET/EEE /2020-2021/Project 05 Date: 19/03/2021

CIRCULAR

EE8811 Project Work

There will be a third review for IV year students for their projects on 25/03/2021 (Thursday) at 10.30 AM in HoD room. Students are informed to prepare power point presentation of their proposed work. Students are informed to follow the guidelines listed below.

1. All members of the batch must present during review.
2. Before 23/03/2021 (Tuesday) power point must be submitted to project coordinator.
3. Power point presentation must be as per template of our department.
4. Duration for each presentation is 30 minutes.
5. Bring Hardware Module.

Project Coordinator

HoD/EEE

Copy to:

1. Notice Board
2. To be read in IV year Classroom
3. Faculty Circulation

IV YEAR EEE

AAA COLLEGE OF ENGINEERING & TECHNOLOGY

(An ISO 9001 : 2015 Certified Institution)
(Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai)
Amathur, Sivakasi - 626 005.

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

Academic Project (2020-2021)

Evaluation Form – (Second Review)

Name and Designation of the Reviewer :Dr.C. Senthilkumar, Professor & Head/EEE

Date : 05.03.2021 **Venue: HOD Cabin**

B.No	Register Number	Name of the Student	Technical (20)	Communication (10)	Presentation (20)	Total (50)
1	953717105001	AISHWARYA S	18	9	18	45
	953717105031	SANTHIYA B	18	9	18	45
2	953717105003	AJAY VISHAAL T	19	10	19	48
	953717105010	DARWIN ANTO J	16	8	16	40
	953717105017	KARTHIKEYAN S	14	7	14	35
3	953717105013	ESTHER JEMIMA J	18	9	18	45
	953717105037	VENKAT MARIAMMAL K	18	9	18	45
4	953717105018	KASINATHAN P	19	8	19	47
	953717105032	SANTHOSH PAUL P	16	8	16	40
5	953717105004	ANGELIN LAVANYA R	15	8	15	38
	953717105025	PANDEESWARI P	15	8	15	38
6	953717105008	ASHOK KUMAR P	13	7	12	32
	953717105020	MARIGANESH M	13	7	12	32
7	953717105019	KASTHURI K	15	8	15	38
	953717105035	SIVAKAMI G R	15	8	15	38

B.No	Register Number	Name of the Student	Technical (20)	Communication (10)	Presentation (20)	Total (50)
8	953717105002	AJAY KUMAR M M	10	5	10	25
	953717105034	SELVAVIJAY S	13	5	12	30
9	953717105022	MONICA S	15	8	15	38
	953717105033	SARASWATHI R	15	8	15	38
10	953717105023	MUTHUPANDI S	12	6	12	30
	953717105024	PALANISANKAR S	12	7	12	31
	953717105039	VIGNESHWARAN T	12	7	12	31
11	953717105011	DHANA SANKAR S	10	5	10	25
	953717105028	RAMACHANDRAN M	10	5	10	25
12	953717105006	ARAVIND K	10	5	10	25
	953717105016	GOWTHAMRAJ V	10	5	10	25
	953717105036	VAIRAM K	10	5	10	25
13	953717105015	GOKUL RAM R	10	5	10	25
	953717105038	VIGNESH KUMAR S	10	5	10	25
14	953717105021	MATHAN M	10	5	10	25
	953717105040	VIJAYA BABU V	10	5	10	25
	953717105301	SARAVANA RAJ K	10	5	10	25
15	953717105007	ARUN KUMAR M	12	6	12	30
	953717105030	SANKARGANESH C	12	7	12	31
16	953717105005	ANTONYRAJ S	10	5	10	25
	953717105009	BALAKUMAR S	10	5	10	25

05/03/2021
Reviewer

5/3/2021
Project Coordinator

05/03/2021
HoD/EEE

AAA COLLEGE OF ENGINEERNG AND TECHNOLOGY

Kamarajar Educational Road,
Amathur, Sivakasi – 626 005.

Department of Electrical and Electronics Engineering

AAACET/EEE/2020-21/Project/01

Date: 03/12/2020

CIRCULAR

The project team list, proposed area and guide allocated for EE8811 Project Work is listed below. It is informed that all the batch students should submit the project title, one page abstract and PPT for zeroth review after discussion with their project guide on or before 09/12/2020.

Project Batch Allocation

Batch Number	Register Number of the Student	Name of the Student	Proposed Area	Name of the Guide
I	953717105013	ESTHER JEMIMA J	Automation	Mrs. B. Sarojini Assistant Professor/EEE
	953717105037	VENKAT MARIAMMAL K		
II	953717105019	KASTHURI K	Automation	Mrs. B. Sarojini Assistant Professor/EEE
	953717105035	SIVAKAMI G R		
III	953717105004	ANGELIN LAVANYA R	Arduino	Mrs. L. Krishnaveni Assistant Professor/EEE
	953717105025	PANDEESWARI P		
IV	953717105001	AISHWARYA S	Automation	Mrs. M. Maheswari Assistant Professor/EEE
	953717105031	SANTHIYA B		
V	953717105022	MONICA S	Arduino	Mrs. L. Krishnaveni Assistant Professor/EEE
	953717105033	SARASWATHI R		
VI	953717105018	KASINATHAN P	Internet of Things	Mr. M. S. Kalyana Sundaram Assistant Professor/EEE
	953717105032	SANTHOSH PAUL P		
VII	953717105008	ASHOK KUMAR P	Internet of Things	Mr. S. Saravanan Assistant Professor/EEE
	953717105020	MARIGANESH M		
VIII	953717105003	AJAY VISHAAL T	Robotics	Mr. S. Saravanan Assistant Professor/EEE
	953717105010	DARWIN ANTO J		
	953717105017	KARTHIKEYAN S		
IX	953717105011	DHANA SANKAR S	Renewable Energy System	Dr. R. Pon Vengatesh Associate Professor/EEE
	953717105028	RAMACHANDRAN M		
X	953717105021	MATHAN M	Internet of Things	Mr. S. S. Dheeban Assistant Professor/EEE
	953717105301	SARAVANA RAJ K		
	953717105040	VIJAYA BABU V		
XI	953717105005	ANTONYRAJ S	Power Electronics	Mrs. M. Maheswari Assistant Professor/EEE
	953717105009	BALAKUMAR S		
XII	953717105006	ARAVIND K	Power Electronics	Dr.C. Senthil Kumar Professor and Head/EEE
	953717105016	GOWTHAMRAJ V		

XIII	953717105007	ARUN KUMAR M	Power Electronics	Mr. S. S. Dheeban Assistant Professor/EEE
	953717105030	SANKARGANESH C		
XIV	953717105023	MUTHUPANDI S	Hybrid Energy Systems	Mr. C. Karuppasamy Assistant Professor/EEE
	953717105024	PALANISANKAR S		
XV	953717105015	GOKUL RAM R	Arduino	Mr. C. Karuppasamy Assistant Professor/EEE
	953717105038	VIGNESH KUMAR S		
XVI	953717105002	AJAY KUMAR M M	Renewable Energy System	Dr. R. Pon Vengatesh Associate Professor/EEE
	953717105034	SELVAVIJAY S		
XVII	953717105039	VIGNESHWARAN T	Power Electronics	Mr. M. S. Kalyana Sundaram Assistant Professor/EEE
	953717105036	VAIRAM K		

Total Number of Project Batches: 17

3/12/2020
Project Coordinator

03/12/2020
HOD/EEE

Copy To:

1. Faculty Circulation
2. Circulate to Student through official College Mail
3. Notice Board
4. Project File

SSN

SSN COLLEGE OF ENGINEERING

KALAVAKKAM - 603 110

(An Autonomous Institution, Affiliated to Anna University, Chennai)

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

CERTIFICATE

This is to certify that

Mr.C.Karuppasamy

of

AAA College of Engineering and Technology

has participated in the Short Term Training Programme on

"Advanced Power System Simulation Softwares"

organized by the Department of Electrical and Electronics Engineering, SSN College of Engineering, Chennai during June 25 - 27, 2020.

COORDINATOR	HOD / EEE	PRINCIPAL
DR. V. THIYAGARAJAN	DR. V. KAMARAJ	DR. S. SALIVAHANAN

EASWARI ENGINEERING COLLEGE

An Autonomous Institution

[A Unit of SRM Group of Educational Institutions]

[Approved by AICTE | Affiliated to Anna University, Chennai | NAAC - Accredited 'A' Grade | 2(f) & 12(B) Status
[UGC] ISO 9001:2015 Certified | NBA Accredited programmes | FIST Funded [DST] | SIRO Certified [DSIR]]

DEPARTMENT OF ELECTRONICS AND INSTRUMENTATION ENGINEERING

Certificate of Participation

This is to certify that **Mr.C.Karuppasamy** from **AAA College of Engineering and Technology** has attended the Webinar on the topic **DEEP LEARNING FOR MODELLING AND CONTROL OF BIOPROCESS** Organized by **Department of Electronics and Instrumentation Engineering** of **Easwari Engineering College** on 22.06.2020.

Dr.S.Sobana
Coordinator
Assistant Professor

Dr.S.Nagarajan
Professor & HoD
Dept. of EIE

Dr.R.S.Kumar
Principal
Easwari Engineering College

F.No AICTE/FDP-SI/OnlineWorkshop/201/43351

ALL INDIA COUNCIL FOR TECHNICAL EDUCATION

NELSON MANDELA MARG, VASANT KUNJ, NEW DELHI

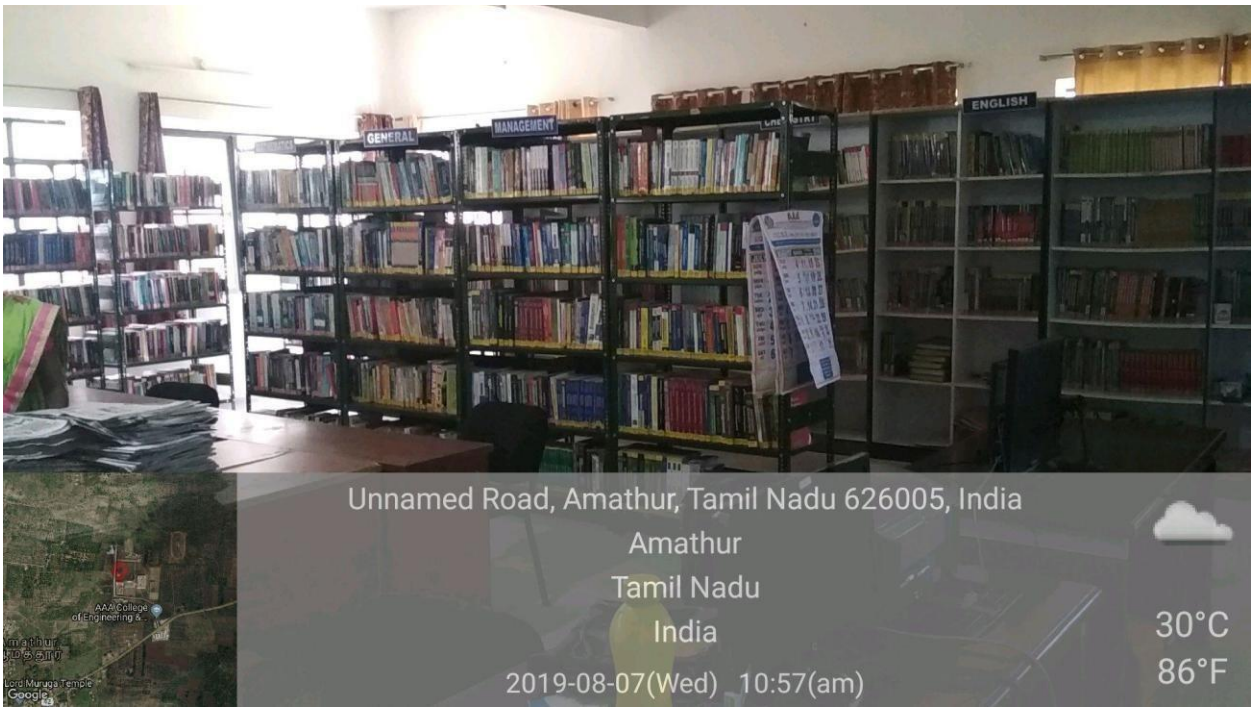
Certificate of Participation

This is to certify that Mrs. G Kavitha from AAA College of Engineering and Technology, Sivakasi has participated and successfully completed the online workshop on Universal Human Value on the theme "Inculcating Universal Human Values in Technical Education" during 5-9 October, 2020 as organized by All India Council for Technical Education(AICTE).

Dr. Rajneesh Arora
Chairman
National Coordination Committee for Induction Program

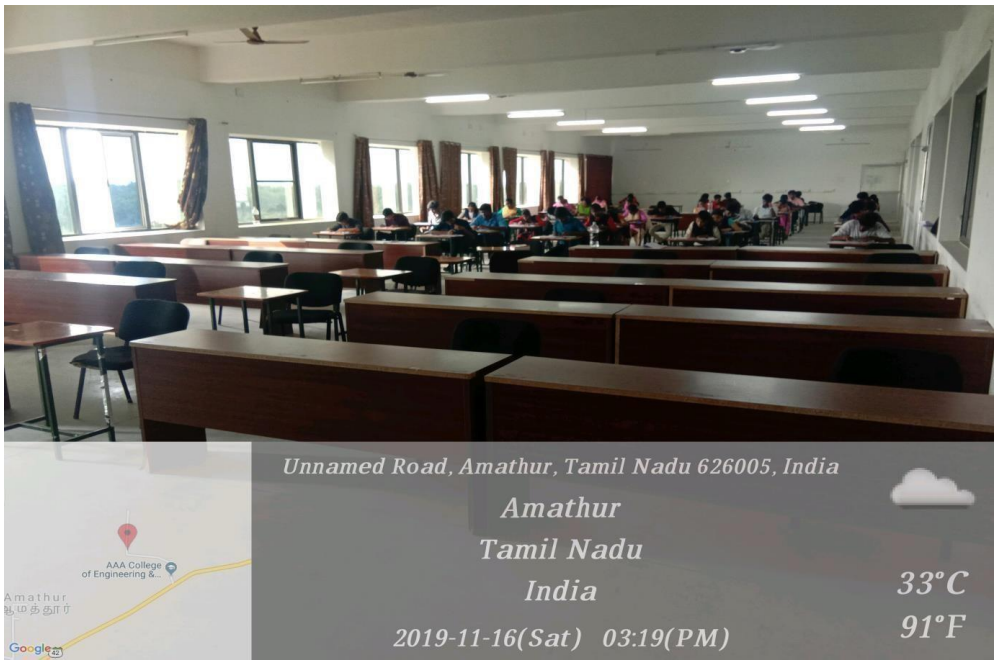
Prof. Rajive Kumar
Member Secretary, AICTE

College Library



General Facilities	
Total Area	14,400 Sq.feet
Library Management software	Rovan ERP
Average Number of Users per day	305
Library Staffs	02
No. of titles	3218
No. of volume	12,325
No. of journals	31
No. of Magazine	10
E-Books	>4000
NPTEL videos	>2500
Online journals	>15,000
Rare Books	>230

Reading Hall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Amathur
Tamil Nadu
India
2019-11-16(Sat) 03:19(PM)
33°C
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